

CURRICULUM VITAE

(Revised March 2025)

Dr. Andreas Scorilas, Ph.D
Professor

Work address:

National and Kapodistrian University of Athens, Department of Biochemistry and Molecular Biology, 15701, Panepistimiopolis, Ilisia, Athens, Greece.
Tel: +30-210-727-4306, Mobil: +30-6976072375
E-mail: ascorilas@biol.uoa.gr Web: <http://users.uoa.gr/~ascorilas>

Languages

Greek and English

Education

1. Postdoctoral training, *Clinical Biochemistry - Pathobiology*, Department of Laboratory Medicine and Pathobiology, University of Toronto, Canada. (1998-2002).
2. Ph.D., *Biochemistry - Molecular Biology*, "G. Papanicolau" Research Center of Oncology and Medical School, National and Kapodistrian University of Athens. (1992-96)
3. B.Sc.(Hon), *Chemistry*, University of Ioannina, Ioannina, Greece (1986-1990)

Present Positions

Professor of Clinical Biochemistry and Head, Section of Biochemistry and Molecular Biology, Department of Biology, National and Kapodistrian University of Athens (NKUA), Greece.

Director, Post Graduate Program: Clinical Biochemistry-Molecular Diagnostics, NKUA, Athens, Greece.

Research Records

- ❖ **424** publications in international peer review scientific journals, including publications in top class journals such as *Nature Medicine*, *Clinical Chemistry*, *EMBO Reports*, *Journal of Clinical Oncology*, *Cancer Research*, *Clinical Cancer Research*, *Cancer Letter* etc.
- ❖ Total Impact Factor **I.F = 2160 (5.1/publication)**
- ❖ **21700 citations** (*Google Scholar*, April 2025)
- ❖ **h-Index = 80** (*Google Scholar*, **62** *in Scopus*, April 2025)
- ❖ **6 Patents**
- ❖ **>350** publications in proceedings of international conferences.
- ❖ **>1500** original complete gene entries in NCBI GeneBank, **6** gene cards.
- ❖ **7** Books and **16** Book chapters.
- ❖ **120** publications in Greek.
- ❖ Coordinator in **>20** accomplished national and international research grants.

Overview of Research Activities

- Discovery and validation of novel molecular tumor biomarkers
- Non coding RNAs (ncRNAs)
- Development of ultra-sensitive molecular methodologies and Omics technologies.
- Next and third generation sequencing
- Cancer pharmacogenomics and therapeutics
- Molecular diagnostic
- Mechanisms of carcinogenesis and cancer progression

Selected Research Achievements

- ❖ Discovery, cloning and identification of the following novel cancer-related genes:
 - The novel apoptotic *BCL2L12* gene
 - The new carcinoembryonic antigen gene *CEAL1* (*CEACAM19*)
 - The *SR-A1* gene (*SCAF1*)
 - *TSKS*, *AP2A1* etc
- ❖ Characterization and study of the kallikrein gene family members *KLK7*, *KLK11*, *KLK15*
- ❖ Elucidation of the clinical significance of kallikrein and other cancer-related genes, in several human malignancies.
- ❖ Development of novel bioanalytical methodologies, useful in Biochemistry and Molecular Diagnostics.

Distinctions and Awards

A. Major Awards and Distinctions

- *Ranked among the top 10 Researchers-Authors globally- in the field of Tumor Biomarkers, Clinical Biochemistry, Cancer Molecular Biology (Biomed Experts, Google Scholar).*
- *President of the International Society for Enzymology, 2016-2020 & 2022-2026*
- *National Academy of Clinical Biochemistry Award, Los Angeles, USA, 2012.*
- *E.K. Frey - E. Werle Promotion Prize, International Scientific Award, Munich, Germany, 2009.*
- *Guest Editor of 8 Highlight Issues of the Journals: Biological Chemistry, Thrombosis and Haemostasis, Current Chemical Biology, Anti-Cancer Agents in Medicinal Chemistry, International Scholarly Research Notices, Austin Proteomics, and Austin Journal of Molecular and Cellular Biology.*
- *"Dionysios Razis" Scientific Award, Athens, Greece, 2009.*
- *The World Metal of Freedom, American Biographical Institute, North Carolina, US, 2008.*

- *"Greek Society of Men of Letters" Scientific Award*, Athens, Greece, 2008.
- *Empeirikeion Grant Award*, Athens, Greece, 2007.
- *Elected Fellow of the International Academy of Clinical and Applied Thrombosis/Haemostasis*, New York, US, 2004.

B. Referee for Grant Agencies and Scientific Journals

- | | |
|--|---|
| 1. European Research Council (ERC), | 30. Current Pharmaceutical Design |
| 2. Horizon 2020 | 31. Disease Markers |
| 3. Seven Framework Program (FP7),
European Union (Health, Cancer Section) | 32. Endocrinology |
| 4. General Secretary for Research and
Technology of Greece | 33. Expert Opinion on Emerging Drugs |
| 5. Hellenic Foundation for Research and
Innovation (HFRI) | 34. Expert Review of Anticancer Therapy |
| 6. Cancer Research UK | 35. Expert Review on Molecular Diagnostics |
| 7. Health Research Board (HRB) of Ireland | 36. European Journal of Pharmacology |
| 8. Internal Grant Agency of Czech Republic | 37. FEBS Journal |
| 9. Internal Grant Agency of Romania | 38. Future Oncology |
| 10. Dutch Internal Grant Agency | 39. Gene |
| 11. Internal Grant Agency of Romania | 40. Genome Medicine |
| | 41. Hormones Journal |
| | 42. In Vitro Cellular & Developmental
Biology |
| 12. BBA - Molecular Cell | 43. International Journal of Cancer |
| 13. BBA Molecular Basis Disease | 44. ISRN Oncology |
| 14. Biochemical Pharmacology | 45. Journal of Experimental & Clinical Cancer
Research |
| 15. Biological Chemistry | 46. J Biological Research |
| 16. BMC Cancer | 47. J Cancer Science Therapy |
| 17. BMC Molecular Biology | 48. J Clinical Endocrinology & Metabolism |
| 18. Breast Cancer Research | 49. J Medicinal Chemistry |
| 19. British Journal of cancer | 50. J Surgical Oncology |
| 20. British Journal of Pharmacology | 51. Journal of Biomedicine and Biotechnology |
| 21. Cancer Chemotherapy and Pharmacology | 52. Journal of Oncology |
| 22. Cancer Epidemiology, Biomarkers &
Prevention | 53. Journal of Photochem. and Photobiology
A Chemistry |
| 23. Canadian Medical Association Journal -
CMAJ Open | 54. Mammalian Genome |
| 24. Cancer Letters | 55. Methods and Findings in Experimental and
Clinical Pharmacology |
| 25. Cancer Research | 56. Molecular Cancer |
| 26. Clinica Chimica Acta | 57. Molecular Oncology |
| 27. Clinical Biochemistry | 58. Molecular and Cellular Biochemistry |
| 28. Clinical Cancer Research | 59. Nature Reviews Urology |
| 29. Clinical Chemistry | |

- | | |
|---|---------------------------------------|
| 60. Oncogene | 65. The Protein Journal |
| 61. Protein Expression & Purification | 66. The World Journal of Hypertension |
| 62. Prostate Cancer | 67. Thrombosis and Haemostasis |
| 63. Talanta | 68. Tumor Biology |
| 64. The International Journal of Biochemistry
& Cell Biology | |

C. Invited Speaker

1. Invited plenary lecturer in the 29th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Integrated Diagnostics and New Technologies, 2025.
2. Invited plenary lecturer in the Cluster Meeting of Gala Technology - Global Summit of Cancer Frontier. Tokyo, Japan, 2023.
3. Invited plenary lecturer in the Panhellenic Symeonideio Research Conference on Cancer Research, Thessaloniki 2020.
4. Invited plenary lecturer in the 8th International Symposium on Kallikreins and Kallikrein-Related Peptidases, Prague, Czech Republic, 2019
5. Invited plenary lecturer in the International ISE Annual Conference, Chios, Greece 2019.
6. Invited plenary lecturer in the Panhellenic Symeonideio Research Conference on Cancer Research, Thessaloniki 2018.
7. Invited plenary lecturer in International Society of Enzymology Annual Conference, Naxos, Greece 2018.
8. Invited plenary lecturer in the Panhellenic Thematic Conference of the Hellenic Haematological Society, Kavala, 2017.
9. Invited speaker in 2nd Symposium on Advances in Cancer Immunology and Immunotherapy, Athens, December 2016.
10. Invited plenary lecturer in International Society of Enzymology Annual Conference, Syros, Greece 2016.
11. Invited speaker in 14th Conference of the Greek Society of Clinical Chemistry, Ioannina, September 2016
12. Invited speaker in Breast Cancer and tumors of the female reproductive tract meeting, Athens, December 2015.
13. Invited plenary lecturer in International Society of Enzymology Annual Conference, Corfu, Greece 2015.
14. Invited plenary lecturer in the INsPiRE International Conference-Oncogenic pathways and anti-tumor responses, Athens, Greece, 2014.
15. Invited plenary lecturer in International Society of Enzymology Annual Conference, Kos, Greece 2014.
16. Invited plenary lecturer in 5th International Symposium on Kallikreins and Kallikrein-Related peptidases, Toronto, Canada, September, 2013.

17. Invited speaker in 64th Congress of the Hellenic Society of Biochemistry and Molecular Biology, Athens, December 2013
18. Invited speaker in Breast Cancer and tumors of the female reproductive tract meeting, Athens, December 2013.
19. Invited speaker in "2nd International Conference and Exhibition on Cell & Gene Therapy", Florida, USA, 2013.
20. Invited plenary lecturer in 62nd Hellenic Society for Biochemistry and Molecular Biology Conference, Athens, Greece, December 2011.
21. Invited speaker in EORTC (European Organization for Research and Treatment of Cancer), Head and neck cancer group meeting, Brussels, Belgium, March 2010
22. Invited plenary lecturer in 8th Tumor Markers - Targeted Therapy Congress, Athens, Greece, November 2010.
23. Invited speaker in 9th Conference of the Greek Society of Clinical Chemistry under the title "Novel prognostic and diagnostic cancer biomarkers", October 2010
24. Invited speaker in the workshop of Hellenic Society of Pathological Anatomy, under the title "Principles of Molecular and Cellular Biology", Athens, Greece, May 2010.
25. Invited plenary lecturer in 3rd International Symposium on Kallikreins and Kallikrein-Related peptidases, Munich, Germany, August-September 2009
26. Invited speaker in Biomedical Asia 2009 International Conference, Singapore, 2009.
27. Invited plenary lecturer, 3rd Euro-Mediterranean congress on Oncology Radiology, Tozeur, Tunisia, October 2008.
28. Invited plenary lecturer, 3rd Conference on Diagnostic, Predictive and Experimental Oncology, Olomouc, Czech republic, November 2007.
29. Invited speaker, 4th Hellenic symposium on breast cancer, April 2007
30. Invited plenary lecturer, 8^{eme} Seminaire Sur Les Cancers Du Cavum, de la biologie a la therapeutique, SFax, Tunisia, January 2007.
31. Invited lecturer, 3^o Pan-Hellenic anticancer conference, April 2007.
32. Invited plenary lecturer, 6^o Pan-Hellenic Symposium of Clinical Chemistry, Athens, Greece, November 2006.
33. Invited plenary lecturer, 8th Annual Meeting of the Hellenic Research Club for Connective Tissue & Matrix Biology, Heraklion, Greece, April 2006.
34. Invited speaker in seminars of Clinical Research Unit / Dept. Obstetrics and Gynecology, Medical School , Technical University of Munich - Germany , November 2005.
35. Invited speaker, scientific symposium of 4th Surgery Department, 'Attikon' University General Hospital, June 2005.
36. Invited plenary lecturer, International Congress of Laboratory Medicine: Enzymes Meet Proteomics, Padova, Italy, October 2004.
37. Invited plenary lecturer, 4^o Mediterranean Conference of Laboratory Medicine, Bari, Italy, December 2004.

D. Invitation for review articles

- ◆ Mol Ther, 2025
- ◆ Expert Opin Ther Targets, 2024
- ◆ Expert Rev Mol Diagn, 2024
- ◆ Life , 2024
- ◆ Genes, 2023
- ◆ Int J Mol Sci, 2023
- ◆ Wiley Interdiscip Rev RNA, 2022
- ◆ Trends Mol Med, 2022
- ◆ Biomedicines, 2021
- ◆ Cancers, 2021
- ◆ Drug Resistant Update, 2020
- ◆ Expert Review of Molecular Diagnostics, 2017,2018
- ◆ Annals of Translational Medicine, 2017
- ◆ Biological Chemistry, 2017
- ◆ Atlas of Genetics and Cytogenetics in Oncology and Haematology, 2016
- ◆ Expert Review of Molecular Diagnostics, 2015
- ◆ Gastroenterology Research and Practice, 2015
- ◆ Expert Review of Molecular Diagnostics, 2014
- ◆ Expert Opinion on Therapeutic Targets, 2013
- ◆ Anti-Cancer Agents in Medicinal Chemistry, 2013
- ◆ Clinical Chemistry and Laboratory Medicine, 2012
- ◆ Advances in Hematology,2011
- ◆ Biological Chemistry, 2011
- ◆ Biological Chemistry, 2010
- ◆ Future Oncology, 2009
- ◆ Atlas of Genetics and Cytogenetics in Oncology and Haematology, 2009
- ◆ Atlas of Genetics and Cytogenetics in Oncology and Haematology, 2008
- ◆ Mini-Reviews in Medicinal Chemistry, 2006
- ◆ Critical Review of Clinical Laboratory Science, 2005
- ◆ Clinical Laboratory, 2004
- ◆ Critical Review of Clinical Laboratory Science, 2001

Previous Positions

- 2008-2013:** *Associate Professor*, Department of Biochemistry and Molecular Biology, University of Athens, Athens, Greece. University of Athens
- 2003-2008:** *Assistant Professor*, Department of Biochemistry and Molecular Biology, University of Athens, Athens, Greece. University of Athens
- 2002-2003:** *Research Associate Scientist*, Biomolecules Lab, National Centre for Scientific Research (NCSR) "Demokritos", Athens, Greece.
- 1998-2002:** *Postdoctoral Fellow - Research Associate*, Department of Pathology & Laboratory Medicine, Mount Sinai Hospital and Department of Laboratory Medicine & Pathobiology, University of Toronto, Ontario, Canada.
- 1997-1998:** *Clinical Research Scientist*, Laboratory of Immunochemistry and *in situ* Hybridization, Pathology Department and Research Unit, 401 Army General Hospital of Athens, Athens, Greece (Army Service).
- 1996-1997:** *Clinical Research Scientist*, Laboratory of Microbiology and Biochemistry, Pathology, 412 Army General Hospital, Xanthi, Greece (Army Service).
- 1995-1996:** *Research Associate*, Department of Virology, "G. Papanicolaou" Research Center of Oncology, National Anticancer Institute, "St. Savvas" Hospital, Athens, Greece (Research Associate in Greece-Italy Co-operation Project).
- 1991-1993:** *Research Associate*, Department of Biochemistry and Molecular Biology, "G. Papanicolaou" Research Center of Oncology, Athens, Greece.
- 1989-1990:** *Research Assistant*, Department of Organic Chemistry and Biochemistry, University of Ioannina, Ioannina, Greece.

Experience in Education

- ❖ Head of the post graduate program: Clinical Biochemistry-Molecular Diagnostics, University of Athens, (2014-today)
- ❖ Coordination and teaching in the postgraduate courses "Pathobiochemistry" in the Postgraduate program of Clinical Biochemistry - Molecular Diagnostics (Academic years: 2003-today).
- ❖ Coordination and teaching in the postgraduate courses "Pathobiochemistry" in the Postgraduate program of Clinical Biochemistry - Molecular Diagnostics (Academic years: 2003-today).
- ❖ Coordination and teaching in the postgraduate courses "Clinical Biochemistry" in the Postgraduate program of Clinical Biochemistry - Molecular Diagnostics (Academic years: 2003-today).
- ❖ Coordination and teaching in the postgraduate courses "Advanced Molecular Biology" in the Postgraduate program of Clinical Biochemistry - Molecular Diagnostics (Academic years: 2015-today).

- ❖ Coordination and teaching in the postgraduate courses "Biostatistics-Bioinformatics" in the Postgraduate program of Clinical Biochemistry - Molecular Diagnostics (Academic years: 2003-today).
- ❖ Coordination and teaching in the postgraduate course "Molecular Diagnostics" in the Postgraduate program of Molecular Medicine (Academic years: 2005- today).
- ❖ Teaching in the postgraduate course "Molecular bases off human diseases" in the Postgraduate program of Clinical Biochemistry - Molecular Diagnostics (Academic years: 2006- today).
- ❖ Teaching in the postgraduate course "Laboratory Management" in the Postgraduate program of Clinical Biochemistry - Molecular Diagnostics (Academic years: 2006- today).
- ❖ Teaching of the postgraduate course entitled "Molecular Diagnostics" in the M.Sc. program in Clinical Chemistry, University of Athens (Academic years: 2000- today).
- ❖ Organized and taught one full course entitled "Clinical Chemistry" as well as relevant laboratory practicals to third year undergraduate students of Biology, at University of Athens, Greece (Academic years: 2003- today).
- ❖ Organized and taught one full course, as well as relevant laboratory practicals in the course entitled "Characterization and analysis of Nucleic Acids and Proteins: Basic Molecular Techniques" in PhD students of NCSR "Demokritos", Greece (Academic years: 2001-2008).
- ❖ Teaching of the course entitled "Chemometrics-Biostatistics" in the M.Sc. program in Clinical Chemistry, University of Athens (Academic years: 2000-2008).
- ❖ Supervision in 3 "four year projects" carried out by fourth year undergraduate students in the Department of Laboratory Medicine and Pathobiology, University of Toronto (1998-2000).
- ❖ Supervisor of 50 "four year projects" carried out by fourth year undergraduate students in the Department of Biochemistry and Molecular Biology, University of Athens (2003-).
- ❖ Supervision of 40 Master thesis carried out in University of Athens (2003-).
- ❖ Supervision of 20 PhD thesis carried out in University of Athens (2003-).
- ❖ 20 university teaching books, book chapters and webcast.

Organization of Scientific Conferences and Symposia

1. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences, 2024 (President).
2. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences, 2023 (President).
3. 23th ISE International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences. Under the auspices of the ISE and IFCC. 2019 (President).
4. 8th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2019), Pague, Czech Republic, 2019 (Member of the scientific committee).
5. 22th ISE International Conference: All Aspects of Laboratory Medicine, Naxos, Greece 2018 (President)
6. International Society of Enzymology Annual Conference, Santorini, Greece 2017 (President)
7. 7th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2017), Tours, France, 2017 (Member of the scientific committee).
8. International Society of Enzymology Annual Conference, Syros, Greece 2016 (President).
9. International Society of Enzymology Annual Conference, Corfu, Greece 2015 (President).
10. INSPiRE 2014: International Congress on Tumor Biomarkers, Athens, Greece, 2014 (President).
11. International Society of Enzymology, meeting, Kos, Greece, 2014 (President).
12. 5th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2013), Toronto, Canada, 2013 (Member of the scientific committee).
13. Progress in combination therapy of cancer using novel immunomodulators, Athens, Greece, 2012 (Member of the organizing committee).
14. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011), Rhodes, Greece, 2011 (President).
15. ISE International Conference On Enzymes New Roles for Old Molecules: Enzymes in Personalized Medicine, Chania, Greece, 2010 (Member of the scientific committee).
16. 8th Tumor Markers - Targeted Therapy Congress, Athens, Greece, 2010 (Member of the scientific committee).
17. 3rd International Symposium on Kallikreins and Kallikrein-Related peptidases, Munich, Germany, 2009 (Member of the scientific committee).
18. 1st International Conference on Molecular Cancer Research, Athens, Greece, 2009 (Member of the scientific committee).
19. XVI Meeting of Balkan Clinical Laboratory Federation & 7th Hellenic Congress of Clinical Chemistry, Athens, Greece, 2008 (Member of the scientific committee).
20. 33th FEBS Congress - 11th IUBMB Conference, Athens, Greece, 2008 (Member of the organizing committee)
21. 2nd International Conference on Kallikreins, Santorini, Greece, 2007 (Co-Chair of the organizing committee)

22. 5th Congress of International Proteolysis Society, Patra, Greece, 2007 (Member of the organizing committee).
23. 8th Annual Meeting of the Hellenic Research Club for Connective Tissue & Matrix Biology, Heraklion, Greece, 2006. (Chair of Section 7: Development and applications of novel assays in drugs and diseases).
24. 9th Conference of the Greek Society of Clinical Chemistry, Athens, 2010 (Member of the organizing committee).
25. 60th Hellenic Society for Biochemistry and Molecular Biology Conference, Athens, Greece, 2009 (Member of the organizing committee).
26. 4th Conference of the Greek Society of Research on Endocrinology and Metabolism Diseases, Athens, Greece, 2008 (Member of the organizing committee).

List of Publications

A. Original Research Papers

1. Karousi P, Kontos CK, Nikou ST, Carell T, Sideris DC, **Scorilas A**. Discovery of circular transcripts of the human BCL2-like 12 (BCL2L12) apoptosis-related gene, using targeted nanopore sequencing, provides new insights into circular RNA biology. *Funct Integr Genomics*. 2025 Mar 19;25(1):66.
2. Soureas K, Malandrakis P, Papadimitriou MA, Minopoulos C, Ntanasis-Stathopoulos I, Liacos CI, Gavriatopoulou M, Kastritis E, Dimopoulos MA, **Scorilas A**, Avgeris M, Terpos E. Refining precision prognostics in multiple myeloma: loss of miR-221/222 cluster in CD138+ plasma cells results in short-term progression and worse treatment outcome. *Blood Cancer J*. 2025 Mar 15;15(1):41.
3. Adamopoulos PG, Bartzoka N, Tsiakanikas P, **Scorilas A**. Characterization of novel ACE2 mRNA transcripts: The potential role of alternative splicing in SARS-CoV-2 infection. *Gene*. 2025 Feb 5;936:149092.
4. Athanasopoulou K, Adamopoulos PG, **Scorilas A**. New insights into the dynamics of m6A epitranscriptome: hybrid-seq identifies novel mRNAs of the m6A writers METTL3/14. *Epigenomics*. 2024;16(17):1159-1174.
5. Papatsirou M, Kontos CK, Ntanasis-Stathopoulos I, Malandrakis P, Theodorakakou F, Liacos CI, Mavrianou-Koutsoukou N, Fotiou D, Migkou M, Gavriatopoulou M, Kastritis E, Dimopoulos MA, **Scorilas A**, Terpos E. ciRS-7 circular RNA overexpression in plasma cells is a promising molecular biomarker of unfavorable prognosis in multiple myeloma. *EJHaem*. 2024 Jun 5;5(4):677-689.
6. Diamantopoulos MA, Adamopoulos PG, Tsiakanikas P, Nisotakis T, Skourou PC, **Scorilas A**. Unraveling novel mRNA transcripts of the human DNA N-glycosylase 1 (NTHL1) gene with the implementation of an innovative targeted DNA-seq assay. *Gene*. 2024 Dec 20;930:148856.
7. Papadimitriou MA, Pilala KM, Panoutsopoulou K, Levis P, Kotronopoulos G, Kanaki Z, Loules G, Zamanakou M, Linardoutsos D, Sideris DC, Stravodimos K, Klinakis A, **Scorilas A**, Avgeris M. CDKN2A copy number alteration in bladder cancer: Integrative analysis in patient-derived xenografts and cancer patients. *Mol Ther Oncol*. 2024 May 24;32(2):200818.
8. Pilala KM, Kotronopoulos G, Levis P, Giagkos GC, Stravodimos K, Vassilacopoulou D, **Scorilas A**, Avgeris M. MIR145 Core Promoter Methylation in Pretreatment Cell-Free DNA: A Liquid Biopsy Tool for Muscle-Invasive Bladder Cancer Treatment Outcome. *JCO Precis Oncol*. 2024 Apr;8:e2300414.
9. Papatsirou M, Kontos CK, Ntanasis-Stathopoulos I, Malandrakis P, Sideris DC, Fotiou D, Liacos CI, Gavriatopoulou M, Kastritis E, Dimopoulos MA, **Scorilas A**, Terpos E. Exploring the molecular biomarker utility of circCCT3 in multiple myeloma: A favorable prognostic indicator, particularly for R-ISS II patients. *Hemasphere*. 2024 Jan 26;8(1):e34.
10. Soureas K, Papadimitriou MA, Malandrakis P, Papanota AM, Adamopoulos PG, Ntanasis-Stathopoulos I, Liacos CI, Gavriatopoulou M, Sideris DC, Kastritis E, Dimopoulos MA, **Scorilas A**, Terpos E, Avgeris M. Small RNA-seq and clinical evaluation of tRNA-derived fragments in multiple myeloma: Loss of mitochondrial i-tRFHisGTG results in patients' poor treatment outcome. *Br J Haematol*. 2024 May;204(5):1790-1800.
11. Diamantopoulos MA, Georgoulia KK, Levis P, Kotronopoulos G, Stravodimos K, Kontos CK,

- Avgeris M, **Scorilas A**. 28S rRNA-Derived Fragments Represent an Independent Molecular Predictor of Short-Term Relapse in Prostate Cancer. *Int J Mol Sci*. 2023 Dec 23;25(1):239.
12. Boti MA, Adamopoulos PG, Vassilacopoulou D, **Scorilas A**. Unraveling the Concealed Transcriptomic Landscape of PTEN in Human Malignancies. *Curr Genomics*. 2023 Dec 12;24(4):250-262.
 13. Adamopoulos PG, Diamantopoulos MA, Boti MA, Zafeiriadou A, Galani A, Kostakis M, Markou A, Sideris DC, Avgeris M, Thomaidis NS, **Scorilas A**. Spike-Seq: An amplicon-based high-throughput sequencing approach for the sensitive detection and characterization of SARS-CoV-2 genetic variations in environmental samples. *Sci Total Environ*. 2024 Mar 1;914:169747.
 14. Katsaraki K, Kontos CK, Ardavanis-Loukeris G, Tzovaras AA, Sideris DC, **Scorilas A**. Exploring the time-dependent regulatory potential of microRNAs in breast cancer cells treated with proteasome inhibitors. *Clin Transl Oncol*. 2024 May;26(5):1256-1267.
 15. Karousi P, Samiotaki M, Makridakis M, Zoidakis J, Sideris DC, **Scorilas A**, Carell T, Kontos CK. 3'-tRF-CysGCA overexpression in HEK-293 cells alters the global expression profile and modulates cellular processes and pathways. *Funct Integr Genomics*. 2023 Nov 21;23(4):341.
 16. Papadimitriou MA, Levis P, Kotronopoulos G, Stravodimos K, Avgeris M, **Scorilas A**. Preoperative Cell-Free DNA (cfDNA) in Muscle-Invasive Bladder Cancer Treatment Outcome. *Clin Chem*. 2023 Apr 3;69(4):399-410.
 17. Adamopoulos PG, Athanasopoulou K, Boti MA, Dimitroulis G, Daneva GN, Tsiakanikas P, **Scorilas A**. Hybrid-seq deciphers the complex transcriptional profile of the human *BRCA1* DNA repair associated gene. *RNA Biol*. 2023 Jan;20(1):281-295.
 18. Athanasopoulou K, Adamopoulos PG, **Scorilas A**. Unveiling the Human Gastrointestinal Tract Microbiome: The Past, Present, and Future of Metagenomics. *Biomedicines*. 2023 Mar 9;11(3):827.
 19. Papadimitriou MA, Soureas K, Papanota AM, Tsiakanikas P, Adamopoulos PG, Ntanasistathopoulos I, Malandrakis P, Gavriatopoulou M, Sideris DC, Kastiris E, Avgeris M, Dimopoulos MA, Terpos E, **Scorilas A**. miRNA-seq identification and clinical validation of CD138+ and circulating miR-25 in treatment response of multiple myeloma. *J Transl Med*. 2023 Apr 6;21(1):245.
 20. Kontos CK, Hadjichambi D, Papatsirou M, Karousi P, Christodoulou S, Sideris DC, **Scorilas A**. Discovery and Comprehensive Characterization of Novel Circular RNAs of the Apoptosis-Related *BOK* Gene in Human Ovarian and Prostate Cancer Cells, Using Nanopore Sequencing. *Noncoding RNA*. 2023 Sep 24;9(5):57.
 21. Karousi P, Kontos CK, Papakotsi P, Kostakis IK, Skaltsounis AL, **Scorilas A**. Next-generation sequencing reveals altered gene expression and enriched pathways in triple-negative breast cancer cells treated with oleuropein and oleocanthal. *Funct Integr Genomics*. 2023 Sep 14;23(4):299.
 22. Papatsirou M, **Scorilas A**, Sideris DC, Kontos CK. Targeted nanopore sequencing for the identification of novel *PRMT1* circRNAs unveils a diverse transcriptional profile of this gene in breast cancer cells. *Genes Dis*. 2023 May 18;11(2):589-592.
 23. Soureas K, Papadimitriou MA, Panoutsopoulou K, Pilala KM, **Scorilas A**, Avgeris M. Cancer quiescence: non-coding RNAs in the spotlight. *Trends Mol Med*. 2023 Oct;29(10):843-858.
 24. Liu Y, Gong W, Panoutsopoulou K, Singer-Cornelius T, Augustin K, Bronger H, Kiechle M,

- Dorn J, **Scorilas A**, Avgeris M, Magdolen V, Dreyer T. Association of high miR-27a, miR-206, and miR-214 expression with poor patient prognosis and increased chemoresistance in triple-negative breast cancer. *Am J Cancer Res*. 2023 Jun 15;13(6):2471-2487.
25. Kontos CK, Karousi P, Artemaki PI, Abdelgawad A, Dimitriadou A, Machairas NP, Sideris DC, Pappa V, **Scorilas A**, Batish M, Papageorgiou SG. Novel circular RNAs of the apoptosis-related BAX and BCL2L12 genes identified in a chronic lymphocytic leukemia cell line using nanopore sequencing. *FEBS Open Bio*. 2023 Oct;13(10):1953-1966.
 26. Papasavva M, Amvrosiou S, Pilala KM, Soureas K, Christodoulou P, Ji Y, Stravodimos K, Xu D, **Scorilas A**, Avgeris M, Christodoulou MI. Deregulated Expression of *IL-37* in Patients with Bladder Urothelial Cancer: The Diagnostic Potential of the *IL-37e* Isoform. *Int J Mol Sci*. 2023 May 25;24(11):9258.
 27. Gianniou DD, Sklirou AD, Papadimitriou MA, Pilala KM, Stravodimos K, Avgeris M, **Scorilas A**, Trougkos IP. Evaluation of the Small Heat Shock Protein Family Members *HSPB2* and *HSPB3* in Bladder Cancer Prognosis and Progression. *Int J Mol Sci*. 2023 Jan 30;24(3):2609.
 28. Panoutsopoulou K, Magkou P, Dreyer T, Dorn J, Obermayr E, Mahner S, van Gorp T, Braicu I, Magdolen V, Zeillinger R, Avgeris M, **Scorilas A**. tRNA-derived small RNA 3'U-tRF^{ValCAC} promotes tumour migration and early progression in ovarian cancer. *Eur J Cancer*. 2022 Dec 10;180:134-145.
 29. Panoutsopoulou K, Liu Y, Avgeris M, Dreyer T, Dorn J, Magdolen V, **Scorilas A**. Repression of miR-146a in predicting poor treatment outcome in triple-negative breast cancer. *Clin Biochem*. 2022 Dec 8:S0009-9120(22)00273-9.
 30. Pilala KM, Papadimitriou MA, Panoutsopoulou K, Barbarigos P, Levis P, Kotronopoulos G, Stravodimos K, **Scorilas A**, Avgeris M. Epigenetic regulation of *MIR145* core promoter controls miR-143/145 cluster in bladder cancer progression and treatment outcome. *Mol Ther Nucleic Acids*. 2022 Oct 7;30:311-322.
 31. Galani A, Markou A, Dimitrakopoulos L, Kontou A, Kostakis M, Kapes V, Diamantopoulos MA, Adamopoulos PG, Avgeris M, Lianidou E, **Scorilas A**, Paraskevis D, Tsiodras S, Dimopoulos MA, Thomaidis N. Delta SARS-CoV-2 variant is entirely substituted by the omicron variant during the fifth COVID-19 wave in Attica region. *Sci Total Environ*. 2023 Jan 15;856(Pt 1):159062.
 32. Trougkos IP, Terpos E, Alexopoulos H, Politou M, Paraskevis D, **Scorilas A**, Kastritis E, Andreakos E, Dimopoulos MA. COVID-19 mRNA vaccine-induced adverse effects: unwinding the unknowns. *Trends Mol Med*. 2022 Oct;28(10):800-802.
 33. Sklirou AD, Gianniou DD, Karousi P, Cheimonidi C, Papachristopoulou G, Kontos CK, **Scorilas A**, Trougkos IP. High mRNA Expression Levels of Heat Shock Protein Family B Member 2 (*HSPB2*) Are Associated with Breast Cancer Patients' Relapse and Poor Survival. *Int J Mol Sci*. 2022 Aug 28;23(17):9758.
 34. Papatsirou M, Diamantopoulos MA, Katsaraki K, Kletsas D, Kontos CK, **Scorilas A**. Identification of Novel Circular RNAs of the Human Protein Arginine Methyltransferase 1 (*PRMT1*) Gene, Expressed in Breast Cancer Cells. *Genes (Basel)*. 2022 Jun 24;13(7):1133.
 35. Athanasopoulou K, Adamopoulos PG, **Scorilas A**. Structural characterization and expression analysis of novel MAPK1 transcript variants with the development of a multiplexed targeted nanopore sequencing approach. *Int J Biochem Cell Biol*. 2022 Sep;150:106272.

36. Athanasopoulou K, Adamopoulos PG, Daneva GN, **Scorilas A**. Decoding the concealed transcriptional signature of the apoptosis-related BCL2 antagonist/killer 1 (BAK1) gene in human malignancies. *Apoptosis*. 2022 Dec;27(11-12):869-882.
37. Martzoukou O, Glekas PD, Avgeris M, Mamma D, **Scorilas A**, Kekos D, Amillis S, Hatzinikolaou DG. Interplay between Sulfur Assimilation and Biodesulfurization Activity in *Rhodococcus qingshengii* IGTS8: Insights into a Regulatory Role of the Reverse Transsulfuration Pathway. *mBio*. 2022 Aug 30;13(4):e0075422.
38. Tsiakanikas P, Adamopoulos PG, Tsiirba D, Artemaki PI, Papadopoulos IN, Kontos CK, **Scorilas A**. High Expression of a tRNA^{Pro} Derivative Associates with Poor Survival and Independently Predicts Colorectal Cancer Recurrence. *Biomedicines*. 2022 May 12;10(5):1120.
39. Adamopoulos PG, Tsiakanikas P, Stolidi I, **Scorilas A**. A versatile 5' RACE-Seq methodology for the accurate identification of the 5' termini of mRNAs. *BMC Genomics*. 2022; 23(1):163.
40. Panoutsopoulou K, Dreyer T, Dorn J, Obermayr E, Mahner S, Gorp TV, Braicu I, Zeillinger R, Magdolen V, Avgeris M, **Scorilas A**. tRNA^{GlyGCC}-Derived Internal Fragment (i-tRF^{GlyGCC}) in Ovarian Cancer Treatment Outcome and Progression. 2021; 14(1):24.
41. Adamopoulos PG, Tsiakanikas P, Boti MA, **Scorilas A**. Targeted Long-Read Sequencing Decodes the Transcriptional Atlas of the Founding RAS Gene Family Members. *Int J Mol Sci*. 2021; 22(24):13298.
42. Karousi P, Papanota AM, Artemaki PI, Liacos CI, Patseas D, Mavrianou-Koutsoukou N, Liosi AA, Kalioraki MA, Ntanas-Stathopoulos I, Gavriatopoulou M, Kastritis E, Dimopoulos MA, **Scorilas A**, Terpos E, Kontos CK. tRNA Derivatives in Multiple Myeloma: Investigation of the Potential Value of a tRNA-Derived Molecular Signature. *Biomedicines*. 2021; 9(12):1811.
43. Xagorari M, Marmarinos A, Kossiva L, Baka M, Doganis D, Servitzoglou M, Tsolia M, **Scorilas A**, Avgeris M, Gourgiotis D. Overexpression of the GR Riborepressor LncRNA GAS5 Results in Poor Treatment Response and Early Relapse in Childhood B-ALL. *Cancers (Basel)*. 2021; 13(23):6064.
44. Papanota AM, Karousi P, Kontos CK, Artemaki PI, Liacos CI, Papadimitriou MA, Bagratuni T, Eleutherakis-Papaiakovou E, Malandrakis P, Ntanas-Stathopoulos I, Gavriatopoulou M, Kastritis E, Avgeris M, Dimopoulos MA, **Scorilas A**, Terpos E. A Cancer-Related microRNA Signature Shows Biomarker Utility in Multiple Myeloma. *Int J Mol Sci*. 2021; 22(23):13144.
45. Papadimitriou MA, Papanota AM, Adamopoulos PG, Pilala KM, Liacos CI, Malandrakis P, Mavrianou-Koutsoukou N, Patseas D, Eleutherakis-Papaiakovou E, Gavriatopoulou M, Kastritis E, Avgeris M, Dimopoulos MA, Terpos E, **Scorilas A**. miRNA-seq and clinical evaluation in multiple myeloma: miR-181a overexpression predicts short-term disease progression and poor post-treatment outcome. *Br J Cancer*. 2021; 126(1):79-90.
46. Diamantopoulos MA, Georgoulia KK, **Scorilas A**. Identification and expression analysis of ten novel small non-coding RNAs (sncRNAs) in cancer cells using a high-throughput sequencing approach. *Gene*. 2021; 809:146025.
47. Galani A, Aalizadeh R, Kostakis M, Markou A, Alygizakis N, Lytras T, Adamopoulos PG, Peccia J, Thompson DC, Kontou A, Karagiannidis A, Lianidou ES, Avgeris M, Paraskevis D, Tsiodras S, **Scorilas A**, Vasiliou V, Dimopoulos MA, Thomaidis NS. SARS-CoV-2 wastewater surveillance data can predict hospitalizations and ICU admissions. *Sci Total Environ*. 2022; 804:150151.

48. Adamopoulos PG, Athanasopoulou K, Tsiakanikas P, **Scorilas A**. A comprehensive nanopore sequencing methodology deciphers the complete transcriptional landscape of cyclin-dependent kinase 4 (CDK4) in human malignancies. *FEBS J*. 2022; 712-729.
49. Avgeris M, Adamopoulos PG, Galani A, Xagorari M, Gourgiotis D, Trougakos IP, Voulgaris N, Dimopoulos MA, Thomaidis NS, **Scorilas A**. Novel Nested-Seq Approach for SARS-CoV-2 Real-Time Epidemiology and In-Depth Mutational Profiling in Wastewater. *Int J Mol Sci*. 2021; 22(16):8498.
50. Trougakos IP, Terpos E, Zirou C, Sklirou AD, Apostolakou F, Gumeni S, Charitaki I, Papanagnou ED, Bagratuni T, Liacos CI, **Scorilas A**, Korompoki E, Papassotiriou I, Kastitis E, Dimopoulos MA. Comparative kinetics of SARS-CoV-2 anti-spike protein RBD IgGs and neutralizing antibodies in convalescent and naïve recipients of the BNT162b2 mRNA vaccine versus COVID-19 patients. *BMC Med*. 2021; 19(1):208.
51. Papanota AM, Tsiakanikas P, Kontos CK, Malandrakis P, Liacos CI, Ntanasis-Stathopoulos I, Kanellias N, Gavriatopoulou M, Kastitis E, Avgeris M, Dimopoulos MA, **Scorilas A**, Terpos E. A Molecular Signature of Circulating MicroRNA Can Predict Osteolytic Bone Disease in Multiple Myeloma. *Cancers (Basel)*. 2021; 13(15):3877.
52. Adamopoulos PG, Tsiakanikas P, Adam EE, **Scorilas A**. Unraveling novel survivin mRNA transcripts in cancer cells using an in-house developed targeted high-throughput sequencing approach. *Genomics*. 2021; 113(1 Pt 2):573-581.
53. Papadimitriou MA, Avgeris M, Levis P, Papasotiriou EC, Kotronopoulos G, Stravodimos K, **Scorilas A**. tRNA-Derived Fragments (tRFs) in Bladder Cancer: Increased 5'-tRF-LysCTT Results in Disease Early Progression and Patients' Poor Treatment Outcome. *Cancers*. 2021; 12(12):3661.
54. Boti MA, Adamopoulos PG, Tsiakanikas P, **Scorilas A**. Nanopore Sequencing Unveils Diverse Transcript Variants of the Epithelial Cell-Specific Transcription Factor Elf-3 in Human Malignancies. *Genes*. 2021; 12(6):839.
55. Gong W, Zhu C, Liu Y, Muckenhuber A, Bronger H, **Scorilas A**, Kiechle M, Dorn J, Magdolen V, Dreyer T. Elevated levels of both microRNA 378 (miR-378) and kallikrein-related peptidase 4 (KLK4) mRNA are associated with an unfavorable prognosis in triple-negative breast cancer. *Am J Transl Res*. 2021; 13(3):1594-1606.
56. Grafanaki K, Skeparnias I, Kontos CK, Anastasakis D, Korfiati A, Kyriakopoulos G, Theofilatos K, Mavroudi S, Magoulas G, Papaioannou D, **Scorilas A**, Stathopoulos C, Drainas D. Pharmacoeypigenomics circuits induced by a novel retinoid-polyamine conjugate in human immortalized keratinocytes. *Pharmacogenomics J*. 2021;
57. Tsitsilonis OE, Paraskevis D, Lianidou E, Terpos E, Akalestos A, Pierros V, Kostaki EG, Kastitis E, Moutsatsou P, Politou M, **Scorilas A**, et al. SARS-CoV-2 Infection Is Asymptomatic in Nearly Half of Adults with Robust Anti-Spike Protein Receptor-Binding Domain Antibody Response. *Vaccines (Basel)*. 2021; 9(3):207.
58. Katsaraki K, Adamopoulos PG, Papageorgiou SG, Pappa V, **Scorilas A**, Kontos CK. A 3' tRNA-derived fragment produced by tRNA^{LeuAAG} and tRNA^{LeuTAG} is associated with poor prognosis in B-cell chronic lymphocytic leukemia, independently of classical prognostic factors. *Eur J Haematol*. 2021; 106(6):821-830.
59. Papatsirou M, Adamopoulos PG, Artemaki PI, Georganti VP, **Scorilas A**, Vassilacopoulou D, Kontos CK. Next-generation sequencing reveals alternative L-DOPA decarboxylase (DDC)

- splice variants bearing novel exons, in human hepatocellular and lung cancer cells. *Gene*. 2021; 768:145262.
60. Karousi P, Artemaki PI, Sotiropoulou CD, Christodoulou S, **Scorilas A**, Kontos CK. Identification of Two Novel Circular RNAs Deriving from BCL2L12 and Investigation of Their Potential Value as a Molecular Signature in Colorectal Cancer. *Int J Mol Sci*. 2020; 21(22):8867.
 61. Artemaki PI, Papatsirou M, Boti MA, Adamopoulos PG, Christodoulou S, Vassilacopoulou D, **Scorilas A**, Kontos CK. Revised Exon Structure of l-DOPA Decarboxylase (DDC) Reveals Novel Splice Variants Associated with Colorectal Cancer Progression. *Int J Mol Sci*. 2020; 21(22):8568.
 62. Skeparnias I, Anastasakis D, Grafanaki K, Kyriakopoulos G, Alexopoulos P, Dougenis D, **Scorilas A**, Kontos CK, Stathopoulos C. Contribution of miRNAs, tRNAs and tRFs to Aberrant Signaling and Translation Deregulation in Lung Cancer. *Cancers (Basel)*. 2020; 12(10):3056.
 63. Tsitsilonis OE, Paraskevis D, Lianidou E, Pierros V, Akalestos A, Kastritis E, Moutsatsou P, **Scorilas A**, et al. Seroprevalence of Antibodies against SARS-CoV-2 among the Personnel and Students of the National and Kapodistrian University of Athens, Greece: A Preliminary Report. *Life (Basel)*. 2020; 10(9):214.
 64. Karousi P, Adamopoulos PG, Papageorgiou SG, Pappa V, **Scorilas A**, Kontos CK. A novel, mitochondrial, internal tRNA-derived RNA fragment possesses clinical utility as a molecular prognostic biomarker in chronic lymphocytic leukemia. *Clin Biochem*. 2020; 85:20-26.
 65. Zisi Z, Adamopoulos PG, Kontos CK, **Scorilas A**. Identification and expression analysis of novel splice variants of the human carcinoembryonic antigen-related cell adhesion molecule 19 (CEACAM19) gene using a high-throughput sequencing approach. *Genomics*. 2020; 112(6):4268-4276.
 66. Panoutsopoulou K, Avgeris M, Magkou P, Mavridis K, Dreyer T, Dorn J, Obermayr E, Reinthaller A, Michaelidou K, Mahner S, Vergote I, Vanderstichele A, Braicu I, Sehouli J, Zeillinger R, Magdolen V, **Scorilas A**. Institutionally-independent cohorts study of miR-181a prognostic value in serous ovarian carcinoma. *Int J Cancer*. 2020; 15;147(12):3560-3573.
 67. Bagratuni T, Mavrianou N, Gavalas NG, Tzannis K, Arapinis C, Lontos M, Christodoulou MI, Thomakos N, Haidopoulos D, Rodolakis A, Kastritis E, **Scorilas A**, Dimopoulos MA, Bamias A. JQ1 inhibits tumour growth in combination with cisplatin and suppresses JAK/STAT signalling pathway in ovarian cancer. *Eur J Cancer*. 2020;126:125-135.
 68. Kalioraki MA, Artemaki PI, Sklirou AD, Kontos CK, Adamopoulos PG, Papadopoulos IN, Trougakos IP, **Scorilas A**. Heat shock protein beta 3 (HSPB3) is an unfavorable molecular biomarker in colorectal adenocarcinoma. *Mol Carcinog*. 2020;59(1):116-125.
 69. Tatsi EB, Kanaka-Gantenbein C, **Scorilas A**, Chrousos GP, Sertedaki A. Next generation sequencing targeted gene panel in Greek MODY patients increases diagnostic accuracy. *Pediatr Diabetes*. 2020;21(1):28-39.
 70. Nikcevic G, Drazilov SS, Djurasevic TK, Tosic N, Kontos CK, **Scorilas A**, Pavlovic S. Complex transcriptional regulation of the BCL2L12 gene: Novel, active promoter in K562 cells. *Gene*. 2020;750:144723.
 71. Adamopoulos PG, Koukouzeli FE, Kontos CK, **Scorilas A**. Identification of six novel alternative transcripts of the human kallikrein-related peptidase 15 (KLK15), using 3'RACE and high-throughput sequencing. *Gene*. 2020;749:144708.

72. Artemaki PI, Sklirou AD, Kontos CK, Liosi AA, Gianniou DD, Papadopoulos IN, Trougakos IP, **Scorilas A**. High clusterin (CLU) mRNA expression levels in tumors of colorectal cancer patients predict a poor prognostic outcome. *Clin Biochem*. 2019;75:62-69.
73. Katsaraki K, Artemaki PI, Papageorgiou SG, Pappa V, **Scorilas A**, Kontos CK. Identification of a novel, internal tRNA-derived RNA fragment as a new prognostic and screening biomarker in chronic lymphocytic leukemia, using an innovative quantitative real-time PCR assay. *Leuk Res*. 2019; 87:106234.
74. Saleeb R, Kim SS, Ding Q, **Scorilas A**, Lin S, Khella HW, Boulos C, Ibrahim G, Yousef GM. The miR-200 family as prognostic markers in clear cell renal cell carcinoma. *Urol Oncol*. 2019;37(12):955-963.
75. Papadimitriou MA, Avgeris M, Levis PK, Tokas T, Stravodimos K, **Scorilas A**. Δ Np63 transcript loss in bladder cancer constitutes an independent molecular predictor of TaT1 patient's post-treatment relapse and progression. *J Cancer Res Clin Oncol*. 2019; 145(12):3075-3087.
76. Avgeris M, Panoutsopoulou K, Papadimitriou MA, **Scorilas A**. Circulating exosomal miRNAs: clinical significance in human cancers. *Expert Rev Mol Diagn*. 2019; 19(11):979-995.
77. Panoutsopoulou K, Avgeris M, Mavridis K, Dreyer T, Dorn J, Obermayr E, Reinthaller A, Michaelidou K, Mahner S, Vergote I, Vanderstichele A, Braicu I, Sehoul J, Zeillinger R, Magdolen V, **Scorilas A**. miR-203 is an independent molecular predictor of prognosis and treatment outcome in ovarian cancer: a multi-institutional study. *Carcinogenesis*. 2019; 17;41(4):442-451.
78. Adamopoulos PG, Tsiakanikas P, Kontos CK, Panagiotou A, Vassilacopoulou D, **Scorilas A**. Identification of novel alternative splice variants of the human L-DOPA decarboxylase (DDC) gene in human cancer cells, using high-throughput sequencing approaches. *Gene*. 2019 30;719:144075.
79. Adamopoulos PG, Kontos CK, **Scorilas A**, Sideris DC. Identification of novel alternative transcripts of the human Ribonuclease κ (RNASEK) gene using 3' RACE and high-throughput sequencing approaches. *Genomics*. 2019, doi: 10.1016/j.ygeno.2019.06.010.
80. **Scorilas A**, Kontos CK, Adamopoulos PG. Molecular characterization, genomic structure and expression analysis of a gene (CATL1/CPT1C) encoding a third member of the human carnitine acyltransferase family. *Genomics*. 2019, 112(1):943-951.
81. Economopoulou P, Koutsodontis G, Avgeris M, Strati A, Kroupis C, Pateras I, Kirodimos E, Giotakis E, Kotsantis I, Maragoudakis P, Gorgoulis V, **Scorilas A**, Lianidou E, Psyrri A. HPV16 E6/E7 expression in circulating tumor cells in oropharyngeal squamous cell cancers: A pilot study. *PLoS One*. 2019; 14(5):e0215984.
82. Karousi P, Katsaraki K, Papageorgiou SG, Pappa V, **Scorilas A**, Kontos CK. Identification of a novel tRNA-derived RNA fragment exhibiting high prognostic potential in chronic lymphocytic leukemia. *Hematol Oncol*. 2019; 37(4):498-504.
83. Giannopoulou AF, Velentzas AD, Konstantakou EG, Avgeris M, Katarachia SA, Papandreou NC, Kalavros NI, Mpakou VE, Iconomidou V, Anastasiadou E, Kostakis IK, Papassideri IS, Voutsinas GE, **Scorilas A**, Stravopodis DJ. Revisiting Histone Deacetylases in Human Tumorigenesis: The Paradigm of Urothelial Bladder Cancer. *Int J Mol Sci*. 2019 ;20(6).
84. Adamopoulos PG, Mavrogiannis AV, Kontos CK, **Scorilas A**. Novel alternative splice variants of the human protein arginine methyltransferase 1 (PRMT1) gene, discovered using next-generation sequencing. *Gene*. 2019; 699:135-144.

85. Avgeris M, Tsilimantou A, Levis PK, Rampias T, Papadimitriou MA, Panoutsopoulou K, Stravodimos K, **Scorilas A**. Unraveling UCA1 lncRNA prognostic utility in urothelial bladder cancer. *Carcinogenesis*. 2019; 22;40(8):965-974.
86. Giannopoulou AF, Konstantakou EG, Velentzas AD, Avgeris SN, Avgeris M, Papandreou NC, Zoi I, Filippa V, Katarachia S, Lampidonis AD, Prombona A, Syntichaki P, Piperi C, Basdra EK, Iconomidou V, Papadavid E, Anastasiadou E, Papassideri IS, Papavassiliou AG, Voutsinas GE, **Scorilas A**, Stravopodis DJ. Gene-Specific Intron Retention Serves as Molecular Signature that Distinguishes Melanoma from Non-Melanoma Cancer Cells in Greek Patients. *Int J Mol Sci*. 2019; 20(4).
87. Papachristopoulou G, Malachias A, Devetzi M, Kamouza E, **Scorilas A**, Xynopoulos D, Talieri M. Uncovering the clinical impact of kallikrein-related peptidase 5 (KLK5) mRNA expression in the colorectal adenoma-carcinoma sequence. *Clin Chem Lab Med*. 2019, doi: 10.1515/cclm-2018-1010.
88. Christodoulou MI, Avgeris M, Kokkinopoulou I, Maratou E, Mitrou P, Kontos CK, Pappas E, Boutati E, **Scorilas A**, Fragoulis EG. Blood-based analysis of type-2 diabetes mellitus susceptibility genes identifies specific transcript variants with deregulated expression and association with disease risk. *Sci Rep*. 2019; 9(1):1512.
89. Rampias T, Karagiannis D, Avgeris M, Polyzos A, Kokkalis A, Kanaki Z, Kousidou E, Tzetis M, Kanavakis E, Stravodimos K, Manola KN, Pantelias GE, **Scorilas A**, Klinakis A. The lysine-specific methyltransferase KMT2C/MLL3 regulates DNA repair components in cancer. *EMBO Rep*. 2019; 20(3).
90. Avgeris M, Tsilimantou A, Levis PK, Tokas T, Sideris DC, Stravodimos K, Ardavanis A, **Scorilas A**. Loss of GAS5 tumour suppressor lncRNA: an independent molecular cancer biomarker for short-term relapse and progression in bladder cancer patients. *Br J Cancer*. 2018; 119(12):1477-1486.
91. Kladi-Skandali A, Sideris DC, **Scorilas A**. BCL2L12: a multiply spliced gene with independent prognostic significance in breast cancer. *Clin Chem Lab Med*. 2018; 57(2):276-287.
92. Tsiakanikas P, Giaginis C, Kontos CK, **Scorilas A**. Clinical utility of microRNAs in renal cell carcinoma: current evidence and future perspectives. *Expert Rev Mol Diagn*. 2018; 18(11):981-991.
93. Diamandis EP, **Scorilas A**, Prassas I, Plebani M. The International Society for Enzymology: a glorious history, a golden legacy. *Clin Chem Lab Med*. 2018; 56(11):275-276.
94. Adamopoulos PG, Kontos CK, Diamantopoulos MA, **Scorilas A**. Molecular cloning of novel transcripts of the adaptor-related protein complex 2 alpha 1 subunit (AP2A1) gene, using Next-Generation Sequencing. *Gene*. 2018; 15;678:55-64.
95. Avgeris M, Stamati L, Kontos CK, Piatopoulou D, Marmarinos A, Xagorari M, Baka M, Doganis D, Anastasiou T, Kosmidis H, Gourgiotis D, **Scorilas A**. BCL2L12 improves risk stratification and prediction of BFM-chemotherapy response in childhood acute lymphoblastic leukemia. *Clin Chem Lab Med*. 2018; 27;56(12):2104-2118.
96. Adamopoulos PG, Kontos CK, **Scorilas A**. Novel splice variants of the human kallikrein-related peptidases 11 (KLK11) and 12 (KLK12), unraveled by next-generation sequencing technology. *Biol Chem*. 2018; 399(9):1065-1071.

97. Adamopoulos PG, Raptis GD, Kontos CK, **Scorilas A**. Discovery and expression analysis of novel transcripts of the human SR-related CTD-associated factor 1 (SCAF1) gene in human cancer cells using Next-Generation Sequencing. *Gene*. 2018; 670:155-165.
98. Papageorgiou SG, Kontos CK, Tsiakanikas P, Stavroulaki G, Bouchla A, Vasilatou D, Bazani E, Lazarakou A, **Scorilas A**, Pappa V. Elevated miR-20b-5p expression in peripheral blood mononuclear cells: A novel, independent molecular biomarker of favorable prognosis in chronic lymphocytic leukemia. *Leuk Res*. 2018; 70:1-7.
99. Kladi-Skandali A, Mavridis K, **Scorilas A**, Sideris DC. Expressional profiling and clinical relevance of RNase κ in prostate cancer: a novel indicator of favorable progression-free survival. *J Cancer Res Clin Oncol*. 2018; 144(10):2049-2057.
100. Reuning U, Magdolen V, Courty Y, Clements JA, Yousef GM, **Scorilas A**, Talieri M, Diamandis EP. Manfred Schmitt (1947-2018). *Biol Chem*. 2018; 399(9):923-924.
101. Christodoulou MI, Tchoumtchoua J, Skaltsounis AL, **Scorilas A**, Halabalaki M. Natural alkaloids intervening the insulin pathway: new hopes for anti-diabetic agents? *Curr Med Chem*. 2018, doi: 10.2174/0929867325666180430152618.
102. Adamopoulos PG, Theodoropoulou MC, **Scorilas A**. Alternative Splicing Detection Tool-a novel PERL algorithm for sensitive detection of splicing events, based on next-generation sequencing data analysis. *Ann Transl Med*. 2018; 6(12):244.
103. Papachristopoulou G, Tsapralis N, Michaelidou K, Ardavanis-Loukeris G, Griniatsos I, **Scorilas A**, Talieri M. Human kallikrein-related peptidase 12 (KLK12) splice variants discriminate benign from cancerous breast tumors. *Clin Biochem*. 2018; 58:78-85.
104. Kourtis A, Adamopoulos PG, Papalois A, Iliopoulos DC, Babis GC, **Scorilas A**. Quantitative analysis and study of the mRNA expression levels of apoptotic genes BCL2, BAX and BCL2L12 in the articular cartilage of an animal model of osteoarthritis. *Ann Transl Med*. 2018; 6(12):243.
105. Diamantopoulos MA, Tsiakanikas P, **Scorilas A**. Non-coding RNAs: the riddle of the transcriptome and their perspectives in cancer. *Ann Transl Med*. 2018; 6(12):241.
106. Kontos CK, Avgeris M, Vassilacopoulou D, Ardavanis A, **Scorilas A**. Molecular effects of treatment of human colorectal cancer cells with natural and classical chemotherapeutic drugs: alterations in the expression of apoptosis-related BCL2 family members, including BCL2L12. *Curr Pharm Biotechnol*. 2018; 19(13):1064-1075.
107. Kalantzis ED, **Scorilas A**, Vassilacopoulou D. Evidence for L-Dopa decarboxylase activity in cancer cell cytotoxicity induced by Docetaxel and Mitoxantrone. *Curr Pharm Biotechnol*. 2018; 19(13):1087-1096.
108. Papadopoulos EI, Papachristopoulou G, Ardavanis A, **Scorilas A**. A comprehensive clinicopathological evaluation of the differential expression of microRNA-331 in breast tumors and its diagnostic significance. *Clin Biochem*. 2018; 60:24-32.
109. Papageorgiou SG, Diamantopoulos MA, Kontos CK, Bouchla A, Vasilatou D, Bazani E, **Scorilas A**, Pappa V. MicroRNA-92a-3p overexpression in peripheral blood mononuclear cells is an independent predictor of prolonged overall survival of patients with chronic lymphocytic leukemia. *Leuk Lymphoma*. 2018; 18:1-10.
110. Tsiakanikas P, Kontos CK, Kerimis D, Papadopoulos IN, **Scorilas A**. High microRNA-28-5p expression in colorectal adenocarcinoma predicts short-term relapse of node-negative patients and poor overall survival of patients with non-metastatic disease. *Clin Chem Lab Med*. 2018; 56(6):990-1000.

111. Adamopoulos PG, Kontos CK, **Scorilas A**. Discovery of novel transcripts of the human tissue kallikrein (KLK1) and kallikrein-related peptidase 2 (KLK2) in human cancer cells, exploiting Next-Generation Sequencing technology. *Genomics*. 2018; doi: 10.1016/j.ygeno.2018.03.022.
112. Piatopoulou D, Avgeris M, Drakaki I, Marmarinos A, Xagorari M, Baka M, Pourtsidis A, Kossiva L, Gourgiotis D, **Scorilas A**. Clinical utility of miR-143/miR-182 levels in prognosis and risk stratification specificity of BFM-treated childhood acute lymphoblastic leukemia. *Ann Hematol*. 2018; 97(7):1169-1182.
113. Papageorgiou SG, Kontos CK, Diamantopoulos MA, Bouchla A, Glezou E, Bazani E, Pappa V, **Scorilas A**. MicroRNA-155-5p Overexpression in Peripheral Blood Mononuclear Cells of Chronic Lymphocytic Leukemia Patients Is a Novel, Independent Molecular Biomarker of Poor Prognosis. *Dis Markers*. 2017; 2017:2046545.
114. Haritos C, Michaelidou K, Mavridis K, Missitzis I, Ardavanis A, Griniatsos J, **Scorilas A**. Kallikrein-related peptidase 6 (KLK6) expression differentiates tumor subtypes and predicts clinical outcome in breast cancer patients. *Clin Exp Med*. 2018; 18(2):203-213.
115. Papachristopoulou G, Papadopoulos EI, Nonni A, Rassidakis GZ, **Scorilas A**. Expression Analysis of miR-29b in Malignant and Benign Breast Tumors: A Promising Prognostic Biomarker for Invasive Ductal Carcinoma with a Possible Histotype-Related Expression Status. *Clin Breast Cancer*. 2018; 18(4):305-312.
116. Adamopoulos PG, Kontos CK, **Scorilas A**. Molecular cloning of novel transcripts of human kallikrein-related peptidases 5, 6, 7, 8 and 9 (KLK5 - KLK9), using Next-generation sequencing. *Sci Rep*. 2017; 11;7(1):17299.
117. Tsikrika FD, Avgeris M, Levis PK, Tokas T, Stravodimos K, **Scorilas A**. miR-221/222 cluster expression improves clinical stratification of non-muscle invasive bladder cancer (TaT1) patients' risk for short-term relapse and progression. *Genes Chromosomes Cancer*. 2017; 57(3):150-161.
118. Kyriakou IK, Mavridis K, Kalogianni DP, Christopoulos TK, Ioannou PC, **Scorilas A**. Multianalyte quantitative competitive PCR on optically encoded microspheres for an eight-gene panel related to prostate cancer. *Anal Bioanal Chem*. 2017; 410(3):971-980.
119. Piatopoulou D, Avgeris M, Marmarinos A, Xagorari M, Baka M, Doganis D, Kossiva L, **Scorilas A**, Gourgiotis D. miR-125b predicts childhood acute lymphoblastic leukaemia poor response to BFM chemotherapy treatment. *Br J Cancer*. 2017; 5;117(6):801-812.
120. Parmakelis A, Kotsakiozi P, Kontos CK, Adamopoulos PG, **Scorilas A**. The transcriptome of a "sleeping" invader: de novo assembly and annotation of the transcriptome of aestivating *Cornu aspersum*. *BMC Genomics*. 2017; 18(1):491.
121. Rapti SM, Kontos CK, Christodoulou S, Papadopoulos IN, **Scorilas A**. miR-34a overexpression predicts poor prognostic outcome in colorectal adenocarcinoma, independently of clinicopathological factors with established prognostic value. *Clin Biochem*. 2017; 50(16-17):918-924.
122. Adamopoulos PG, Kontos CK, **Scorilas A**. Identification and molecular cloning of novel transcripts of the human kallikrein-related peptidase 10 (KLK10) gene using next-generation sequencing. *Biochem Biophys Res Commun*. 2017; 10;487(4):776-781.
123. Kontos CK, Tsiakanikas P, Avgeris M, Papadopoulos IN, **Scorilas A**. miR-15a-5p, A Novel Prognostic Biomarker, Predicting Recurrent Colorectal Adenocarcinoma. *Mol Diagn Ther*. 2017; 21(4):453-464.

124. Tsangaris GT, Papathanasiou C, Adamopoulos PG, **Scorilas A**, Vorgias CE, Prodromou N, Stathopoulou FT, Stravopodis DJ, Anagnostopoulos AK. Pediatric Ependymoma: A Proteomics Perspective. *Cancer Genomics Proteomics*. 2017; 14(2):127-136.
125. Khella HWZ, Daniel N, Youssef L, **Scorilas A**, Nofech-Mozes R, Mirham L, Krylov SN, Liandeau E, Krizova A, Finelli A, Cheng Y, Yousef GM. miR-10b is a prognostic marker in clear cell renal cell carcinoma. *J Clin Pathol*. 2017; 70(10):854-859.
126. White NM, Masui O, Newsted D, **Scorilas A**, Romaschin AD, Bjarnason GA, Siu KW, Yousef GM. Galectin-1 has potential prognostic significance and is implicated in clear cell renal cell carcinoma progression through the HIF/mTOR signaling axis. *Br J Cancer*. 2017; 4;110(5):1250-9.
127. Kontos CK, Papageorgiou SG, Diamantopoulos MA, **Scorilas A**, Bazani E, Vasilatou D, Gkontopoulos K, Glezou E, Stavroulaki G, Dimitriadis G, Pappa V. mRNA overexpression of the hypoxia inducible factor 1 alpha subunit gene (HIF1A): An independent predictor of poor overall survival in chronic lymphocytic leukemia. *Leuk Res*. 2017; 53:65-73.
128. Kapodistrias N, Mavridis K, Batistatou A, Gogou P, Karavasilis V, Sainis I, Briasoulis E, **Scorilas A**. Assessing the clinical value of microRNAs in formalin-fixed paraffin-embedded liposarcoma tissues: Overexpressed miR-155 is an indicator of poor prognosis. *Oncotarget*. 2017; 24;8(4):6896-6913.
129. Kerimis D, Kontos CK, Christodoulou S, Papadopoulos IN, **Scorilas A**. Elevated expression of miR-24-3p is a potentially adverse prognostic factor in colorectal adenocarcinoma. *Clin Biochem*. 2016; 50(6):285-292.
130. Diamantopoulos MA, Kontos CK, Kerimis D, Papadopoulos IN, **Scorilas A**. Upregulated miR-16 expression is an independent indicator of relapse and poor overall survival of colorectal adenocarcinoma patients. *Clin Chem Lab Med*. 2016; 1;55(5):737-747.
131. Galtsidis S, Logotheti S, Pavlopoulou A, Zampetidis CP, Papachristopoulou G, **Scorilas A**, Vojtesek B, Gorgoulis V, Zoumpourlis V. Unravelling a p73-regulated network: The role of a novel p73-dependent target, MIR3158, in cancer cell migration and invasiveness. *Cancer Lett*. 2017; 1;388:96-106.
132. Adamopoulos PG, Kontos CK, Tsiakanikas P, **Scorilas A**. Identification of novel alternative splice variants of the BCL2L12 gene in human cancer cells using next-generation sequencing methodology. *Cancer Lett*. 2016; 1;373(1):119-129.
133. Tokas T, Avgeris M, Alamanis C, **Scorilas A**, Stravodimos KG, Constantinides CA. Downregulated KLK13 expression in bladder cancer highlights tumor aggressiveness and unfavorable patients' prognosis. *J Cancer Res Clin Oncol*. 2016; 143(3):521-532.
134. Rapti SM, Kontos CK, Papadopoulos IN, **Scorilas A**. High miR-96 levels in colorectal adenocarcinoma predict poor prognosis, particularly in patients without distant metastasis at the time of initial diagnosis. *Tumour Biol*. 2016; 37(9):11815-11824.
135. Papageorgiou SG, Kontos CK, Foukas PG, Panopoulou E, Vasilatou D, Rapti SM, Gkontopoulos K, Bazani E, Panayiotides IG, Dimitriadis G, **Scorilas A**, Pappa V. BCL2L12 protein overexpression is associated with favorable outcome in diffuse large B-cell lymphoma patients in the rituximab era. *Leuk Lymphoma*. 2016; 57(9):2199-203.
136. Dalloneau E, Baroukh N, Mavridis K, Maillet A, Gueugnon F, Courty Y, Petit A, Kryza T, Del Rio M, Guyetant S, Castaneda DC, Dhommée C, Arnoult C, **Scorilas A**, Gouilleux-Gruart V,

- Heuzé-Vourc'h N. Downregulation of the neonatal Fc receptor expression in non-small cell lung cancer tissue is associated with a poor prognosis. *Oncotarget*. 2016; 23;7(34):54415-54429.
137. Giotakis AI, Kontos CK, Manolopoulos LD, Sismanis A, Konstadoulakis MM, **Scorilas A**. High BAX/BCL2 mRNA ratio predicts favorable prognosis in laryngeal squamous cell carcinoma, particularly in patients with negative lymph nodes at the time of diagnosis. *Clin Biochem*. 2016; 49(12):890-6.
 138. Papadopoulos EI, Petraki C, Gregorakis A, Fragoulis EG, **Scorilas A**. Clinical evaluation of microRNA-145 expression in renal cell carcinoma: a promising molecular marker for discriminating and staging the clear cell histological subtype. *Biol Chem*. 2016; 1;397(6):529-39.
 139. Nofech-Mozes R, Khella HW, **Scorilas A**, Youssef L, Krylov SN, Lianidou E, Sidiropoulos KG, Gabril M, Evans A, Yousef GM. MicroRNA-194 is a Marker for Good Prognosis in Clear Cell Renal Cell Carcinoma. *Cancer Med*. 2016; 5(4):656-64.
 140. Miltiades P, Lamprianidou E, Vassilakopoulos TP, Papageorgiou SG, Galanopoulos A, Kontos CK, Adamopoulos PG, Nakou E, Vakalopoulou S, Garypidou V, Papaioannou M, Hatjiharissi E, Papadaki HA, Spanoudakis E, Pappa V, **Scorilas AS**, Tsatalas C, Kotsianidis I. The Stat3/5 signaling biosignature in hematopoietic stem/progenitor cells predicts response and outcome in myelodysplastic syndrome patients treated with azacitidine. *Clin Cancer Res*. 2015; 15;22(8):1958-68.
 141. Skourti E, Logotheti S, Kontos CK, Pavlopoulou A, Dimoragka PT, Trougakov IP, Gorgoulis V, **Scorilas A**, Michalopoulos I, Zoumpourlis V. Progression of mouse skin carcinogenesis is associated with the orchestrated deregulation of miR-200 family members, miR-205 and their common targets. *Mol Carcinog*. 2015; 55(8):1229-42.
 142. Gabril M, Girgis H, **Scorilas A**, Rotondo F, Wala S, Bjarnason GA, Ding Q, Evans A, Tawedrous E, Pasic M, Finelli A, Al-Haddad S, Yousef GM. S100A11 is a potential prognostic marker for clear cell renal cell carcinoma. *Clin Exp Metastasis*. 2015; 33(1):63-71.
 143. Vassilakopoulou M, Avgeris M, Velcheti V, Kotoula V, Rampias T, Chatzopoulos K, Perisanidis C, Kontos CK, Giotakis AI, **Scorilas A**, Rimm DL, Sasaki CT, Fountzilas G, Psyrri A. Evaluation of PD-L1 expression and Associated Tumor-Infiltrating Lymphocytes in Laryngeal Squamous Cell Carcinoma. *Clin Cancer Res*. 2015; 1;22(3):704-13.
 144. Luchini C, Veronese N, Solmi M, Cho H, Kim JH, Chou A, Gill AJ, Faraj SF, Chaux A, Netto GJ, Nakayama K, Kyo S, Lee SY, Kim DW, Yousef GM, **Scorilas A**, Nelson GS, Köbel M, Kalloger SE, Schaeffer DF, Yan HB, Liu F, Yokoyama Y, Zhang X, Pang D, Lichner Z, Sergi G, Manzato E, Capelli P, Wood LD, Scarpa A, Correll CU. Prognostic role and implications of mutation status of tumor suppressor gene ARID1A in cancer: a systematic review and meta-analysis. *Oncotarget*. 2015; 17;6(36):39088-97.
 145. Papadopoulos EI, **Scorilas A**. Cisplatin and Paclitaxel Alter the Expression Pattern of miR-143/145 and miR-183/96/182 Clusters in T24 Bladder Cancer Cells. *Clin Transl Sci*. 2015; 8(6):668-75.
 146. Kontos CK, Adamopoulos PG, Papageorgiou SG, Pappa V, **Scorilas A**. mRNA overexpression of kallikrein-related peptidase 14 (KLK14) is an independent predictor of poor overall survival in chronic lymphocytic leukemia patients. *Clin Chem Lab Med*. 2016; 54(2):315-24.
 147. Michaelidou K, Ardavanis A, **Scorilas A**. Clinical relevance of the deregulated kallikrein-related peptidase 8 mRNA expression in breast cancer: a novel independent indicator of disease-free survival. *Breast Cancer Res Treat*. 2015; 152(2):323-36.

148. Karaliotas GI, Mavridis K, **Scorilas A**, Babis GC. Quantitative analysis of the mRNA expression levels of BCL2 and BAX genes in human osteoarthritis and normal articular cartilage: An investigation into their differential expression. *Mol Med Rep*; 2015; 12(3):4514-21.
149. White-Al Habeeb NM, Di Meo A, **Scorilas A**, Rotondo F, Masui O, Seivwright A, Gabril M, Girgis AH, Jewett MA, Yousef GM. Alpha-enolase is a potential prognostic marker in clear cell renal cell carcinoma. *Clin Exp Metastasis*. 2015; 32(6):531-41.
150. Stamati L, Avgeris M, Kosmidis H, Baka M, Anastasiou T, Piatopoulou D, **Scorilas A**, Gourgiotis D. Overexpression of BCL2 and BAX following BFM induction therapy predicts ch-ALL patients' poor response to treatment and short-term relapse. *J Cancer Res Clin Oncol*. 2015; 141(11):2023-36.
151. Adamopoulos PG, Kontos CK, Papageorgiou SG, Pappa V, **Scorilas A**. KLKB1 mRNA overexpression: A novel molecular biomarker for the diagnosis of chronic lymphocytic leukemia. *Clin Biochem*. 2015; 48(13-14):849-54.
152. Papadopoulos EI, Yousef GM, **Scorilas A**. Gemcitabine impacts differentially on bladder and kidney cancer cells: distinct modulations in the expression patterns of apoptosis-related microRNAs and BCL2 family genes. *Tumour Biol*. 2015; 36(5):3197.
153. Avgeris M, Mavridis K, Tokas T, Stravodimos K, Fragoulis EG, **Scorilas A**. Uncovering the clinical utility of miR-143, miR-145 and miR-224 for predicting the survival of bladder cancer patients following treatment. *Carcinogenesis*. 2015; 36(5):528-37.
154. Papadopoulos EI, Yousef GM, **Scorilas A**. Cytotoxic activity of sunitinib and everolimus in Caki-1 renal cancer cells is accompanied by modulations in the expression of apoptosis-related microRNA clusters and BCL2 family genes. *Biomed Pharmacother*. 2015; 70:33-40.
155. Papadopoulos EI, Petraki C, Gregorakis A, Chra E, Fragoulis EG, **Scorilas A**. L-DOPA decarboxylase mRNA levels provide high diagnostic accuracy and discrimination between clear cell and non-clear cell subtypes in renal cell carcinoma. *Clin Biochem*. 2015; 48(9):590-5.
156. Karamchandani JR, Gabril MY, Ibrahim R, **Scorilas A**, Filter E, Finelli A, Lee JY, Ordon M, Pasic M, Romaschin AD, Yousef GM. Profilin-1 expression is associated with high grade and stage and decreased disease-free survival in renal cell carcinoma. *Hum Pathol*. 2015; 46(5):673-80.
157. Gueugnon F, Barascu A, Mavridis K, Petit-Courty A, Marchand-Adam S, Gissot V, **Scorilas A**, Guyetant S, Courty Y. Kallikrein-related peptidase 13: an independent indicator of favorable prognosis for patients with nonsmall cell lung cancer. *Tumour Biol*. 2015; 36(7):4979-86.
158. Khella HW, **Scorilas A**, Mozes R, Mirham L, Lianidou E, Krylov SN, Lee JY, Ordon M, Stewart R, Jewett MA, Yousef GM. Low expression of miR-126 is a prognostic marker for metastatic clear cell renal cell carcinoma. *Am J Pathol*. 2015; 185(3):693-703.
159. Samaan S, Khella HW, Girgis A, **Scorilas A**, Lianidou E, Gabril M, Krylov SN, Jewett M, Bjarnason GA, El-said H, Yousef GM. miR-210 is a prognostic marker in clear cell renal cell carcinoma. *J Mol Diagn*. 2015; 17(2):136-44.
160. Adamopoulos PG, Kontos CK, Rapti SM, Papadopoulos IN, **Scorilas A**. miR-224 overexpression is a strong and independent prognosticator of short-term relapse and poor overall survival in colorectal adenocarcinoma. *Int J Oncol*. 2015; 46(2):849-59.
161. Tzovaras A, Kladi-Skandali A, Michaelidou K, Zografos GC, Missitzis I, Ardavanis A, **Scorilas A**. BCL2L12: a promising molecular prognostic biomarker in breast cancer. *Clin Biochem*. 2014; 47(18):257-62.

162. Rampias T, Vgenopoulou P, Avgeris M, Polyzos A, Stravodimos K, Valavanis C, **Scorilas A**, Klinakis A. A new tumor suppressor role for the Notch pathway in bladder cancer. *Nature Medicine*. 2014; 20(10):1199-205.
163. Samaan S, Khella HW, Girgis A, **Scorilas A**, Lianidou E, Gabril M, Krylov SN, Jewett M, Bjarnason GA, El-Said H, Yousef GM. miR-210 Is a Prognostic Marker in Clear Cell Renal Cell Carcinoma. *J Mol Diagn*. 2014; 17(2):136-44.
164. Papadopoulos EI, Fragoulis EG, **Scorilas A**. Human l-DOPA decarboxylase mRNA is a target of miR-145: A prediction to validation workflow. *Gene*. 2014; 554(2):174-180.3.
165. Tzovaras A, Kladi-Skandali A, Michaelidou K, Zografos GC, Missitzis I, Ardavanis A, **Scorilas A**. BCL2L12: A promising molecular prognostic biomarker in breast cancer. *Clin Biochem*. 2014; 47(18):257-62.
166. Vakrakou A, Devetzi M, Papachristopoulou G, Malachias A, **Scorilas A**, Xynopoulos D, Talieri M. Kallikrein-related peptidase 6 (KLK6) expression in the progression of colon adenoma to carcinoma. *Biol Chem*. 2014; 395(9):1105-17.
167. Avgeris M, Stravodimos K, **Scorilas A**. Loss of miR-378 in prostate cancer, a common regulator of KLK2 and KLK4, correlates with aggressive disease phenotype and predicts the short-term relapse of the patients. *Biol Chem*. 2014; 395(9):1095-104.
168. Alexopoulou DK, Kontos CK, Christodoulou S, Papadopoulos IN, **Scorilas A**. KLK11 mRNA expression predicts poor disease-free and overall survival in colorectal adenocarcinoma patients. *Biomark Med*. 2014; 8(5):671-85.
169. Girgis H, Masui O, White NM, **Scorilas A**, Rotondo F, Seivwright A, Gabril M, Filter ER, Girgis AH, Bjarnason GA, Jewett MA, Evans A, Al-Haddad S, Siu KM, Yousef GM Lactate dehydrogenase. A is a potential prognostic marker in clear cell renal cell carcinoma. *Mol Cancer*. 2014; 13:101.
170. Pavlopoulou A, **Scorilas A**. A comprehensive phylogenetic and structural analysis of the carcinoembryonic antigen (CEA) gene family. *Genome Biol Evol* 2014; 6(6):1314-26.
171. Foteinou E, Kontos CK, Giotakis AI, **Scorilas A**. Low mRNA expression levels of kallikrein-related peptidase 4 (KLK4) predict short-term relapse in patients with laryngeal squamous cell carcinoma. *Biol Chem*. 2014; 395(9):1051-62.
172. Rampias T, Giagini A, Siolos S, Matsuzaki H, Sasaki CT, **Scorilas A**, Psyrris A. RAS/ PI3K crosstalk and cetuximab resistance in head and neck squamous cell carcinoma. *Clin Cancer Res*. 2014; 20(11):2933-46.
173. Rapti SM, Kontos CK, Papadopoulos IN, **Scorilas A**. Enhanced miR-182 transcription is a predictor of poor overall survival in colorectal adenocarcinoma patients. *Clin Chem Lab Med*. 2014; 52(8):1217-27.
174. White NM, Masui O, Newsted D, **Scorilas A**, Romaschin AD, Bjarnason GA, Siu KW, Yousef GM. Galectin-1 has potential prognostic significance and is implicated in clear cell renal cell carcinoma progression through the HIF/mTOR signaling axis. *Br J Cancer*. 2014; 110(5):1250-9.
175. Christodoulou S, Alexopoulou DK, Kontos CK, **Scorilas A**, Papadopoulos IN. Kallikrein-related peptidase-6 (KLK6) mRNA expression is an independent prognostic tissue biomarker of poor disease-free and overall survival in colorectal adenocarcinoma. *Tumour Biol*. 2014; 35(5):4673-85.

176. Theodorou M, Speletas M, Mamara A, Papachristopoulou G, Lazou V, **Scorilas A**, Katsantoni E. Identification of a STAT5 target gene, Dpf3, provides novel insights in chronic lymphocytic leukemia. *PLoS One*. 2013; 14;8(10):e76155.
177. Koumandou VL, **Scorilas A**. Evolution of the plasma and tissue kallikreins, and their alternative splicing isoforms. *PLoS One*. 2013; 8(7):e680742013.
178. Florou D, Patsis C, Ardavanis A, **Scorilas A**. Effect of doxorubicin, oxaliplatin and methotrexate administration on the transcriptional activity of BCL-2 family gene members in stomach cancer cells. *Cancer Biol Ther*. 2013; 14(7):587-96.
179. Foutadakis S, Avgeris M, Tokas T, Stravodimos K, **Scorilas A**. Increased BCL2L12 expression predicts the short-term relapse of patients with TaT1 bladder cancer following transurethral resection of bladder tumors. *Urol Oncol* 2013; 32(1):39.e29-36.
180. Kontos CK, Fendri A, Khabir A, Mokdad-Gargouri R, **Scorilas A**. Quantitative expression analysis and prognostic significance of the BCL2-associated X gene in nasopharyngeal carcinoma: a retrospective cohort study. *BMC Cancer*. 2013; 13:293.
181. Avgeris M, Stravodimos K, Fragoulis EG, **Scorilas A**. The loss of the tumour-suppressor miR-145 results in the shorter disease-free survival of prostate cancer patients. *Br J Cancer*. 2013; 108(12):2573-81.
182. Mavridis K, Stravodimos K, **Scorilas A**. Quantified KLK15 Gene Expression Levels Discriminate Prostate Cancer From Benign Tumors and Constitute a Novel Independent Predictor of Disease Progression. *Prostate*. 2013; 73(11):1191-201.
183. Michaelidou K, Tzovaras A, Missitzis I, Ardavanis A, **Scorilas A**. The expression of the CEACAM19 gene, a novel member of the CEA family, is associated with breast cancer progression. *Int J Oncol*. 2013; 42(5):1770-7.
184. Alexopoulou DK, Papadopoulos IN, **Scorilas A**. Clinical significance of kallikrein-related peptidase (KLK10) mRNA expression in colorectal cancer. *Clin Biochem*. 2013; 46(15):1453-61.
185. Mavridis K, Stravodimos K, **Scorilas A**. Down-regulation and prognostic significance of microRNA 224 (miR-224) expression in prostate cancer. *Clin Chem*. 2013; 59(1):261-9.
186. Korbakis D, Fragoulis EG, **Scorilas A**. Quantification and study of the L-DOPA decarboxylase expression in gastric adenocarcinoma cells treated with chemotherapeutic substances. *Anti-Cancer Drugs*. 2013; 24(3):291-9.
187. Papachristopoulou G, Talieri M, Scorilas A. Significant alterations in the expression pattern of kallikrein-related peptidase genes KLK4, KLK5 and KLK14 after treatment of breast cancer cells with the chemotherapeutic agents epirubicin, docetaxel and methotrexate. *Tumour Biol*. 2013; 34(1):369-78.
188. Karan-Djurasevic T, Palibrk V, Zukic B, Spasovski V, Glumac I, Colovic M, Colovic N, Jurisic V, **Scorilas A**, Pavlovic S, Tosic N. Expression of Bcl2L12 in chronic lymphocytic leukemia patients: association with clinical and molecular prognostic markers. *Med Oncol*. 2013; 30(1):405.
189. Lichner Z, **Scorilas A**, White NMA, Girgis AH, Rotstein L, Wiegand KC, Latif A, Chow C, Huntsman D, Yousef GM. The Chromatin Remodeling Gene, *ARID1A* is a New Prognostic Marker in Clear Cell Renal Cell Carcinoma. *Am J Pathol*. 2013; 182(4):1163-70.
190. Florou D, Papadopoulos IN, Fragoulis EG, **Scorilas A**. L-Dopa decarboxylase (DDC) constitutes an emerging biomarker in predicting patients' survival with stomach adenocarcinomas. *J Cancer Res Clin Oncol*. 2013; 139(2):297-306.

191. Devetzi M, Trangas T, **Scorilas A**, Xynopoulos D, Talieri M. Parallel overexpression and clinical significance of Kallikrein-related peptidases 7 and 14 (*KLK7* & *KLK14*) in colon cancer. *Thromb Haemost.* 2012; 109(4):716-25.
192. Kontos CK, Chantzis D, Papadopoulos IN, **Scorilas A**. Kallikrein-related peptidase 4 (*KLK4*) mRNA predicts short-term relapse in colorectal adenocarcinoma patients. *Cancer Lett.* 2013; 330(1):106-122.
193. Geomela PA, Kontos CK, Yiotakis I, Fragoulis EG, **Scorilas A**. L-DOPA decarboxylase mRNA expression is associated with tumor stage and size in head and neck squamous cell carcinoma: a retrospective cohort study. *BMC Cancer.* 2012; 20,12(1):484.
194. Florou D, Mavridis K, **Scorilas A**. The kallikrein-related peptidase 13 (*KLK13*) gene is substantially up-regulated after exposure of gastric cancer cells to antineoplastic agents. *Tumour Biol.* 2012; 33(6):2069-78.
195. Patsis C, Glyka V, Yiotakis I, Fragoulis EG, **Scorilas A**. l-DOPA Decarboxylase (DDC) Expression Status as a Novel Molecular Tumor Marker for Diagnostic and Prognostic Purposes in Laryngeal Cancer. *Transl Oncol.* 2012; 5(4):288-96.
196. Geomela PA, Kontos CK, Yiotakis I, **Scorilas A**. Quantitative expression analysis of the apoptosis-related gene, *BCL2L12*, in head and neck squamous cell carcinoma. *J Oral Pathol Med.* 2012; 42(2):154-61.
197. Thomadaki H, Floros KV, Pavlovic S, Tosic N, Gourgiotis D, Colovic M, **Scorilas A**. Overexpression of the novel member of the *BCL2* gene family, *BCL2L12*, is associated with the disease outcome in patients with acute myeloid leukemia. *Clin Biochem.* 2012; 45(16-17):1362-7.
198. Kontos CK, **Scorilas A**. Molecular cloning of novel alternatively spliced variants of *BCL2L12*, a new member of the *BCL2* gene family, and their expression analysis in cancer cells. *Gene.* 2012; 505(1):153-66.
199. Faragalla H, Youssef YM, **Scorilas A**, Khalil B, White NM, Mejia-Guerrero S, Khella H, Jewett MA, Evans A, Lichner Z, Bjarnason G, Sugar L, Attalah MI, Yousef GM. The clinical utility of miR-21 as a diagnostic and prognostic marker for renal cell carcinoma. *J Mol Diagn.* 2012; 14(4):385-92.
200. Koutalellis G, Stravodimos K, Avgeris M, Mavridis K, **Scorilas A**, Lazaris A, Constantinides C. L-dopa decarboxylase (DDC) gene expression is related to outcome in patients with prostate cancer. *BJU Int.* 2012; 110(6 Pt B):267-73.
201. Thanopoulou E, Kotzamanis G, Pateras IS, Ziras N, Papalambros A, Mariolis-Sapsakos T, Sigala F, Johnson E, Kotsinas A, **Scorilas A**, Gorgoulis VG. The single nucleotide polymorphism g.1548A >G (K469E) of the *ICAM-1* gene is associated with worse prognosis in non-small cell lung cancer. *Tumour Biol.* 2012; 33(5):1429-36.
202. Talieri M, Zoma M, Devetzi M, **Scorilas A**, Ardavanis A. Kallikrein-related peptidase 6 (*KLK6*) gene expression in intracranial tumors. *Tumour Biol.* 2012; 33(5):1375-83.
203. Petraki C, Youssef YM, Dubinski W, Lichner Z, **Scorilas A**, Pasic MD, Komborozos V, Khalil B, Streutker C, Diamandis EP, Yousef GM. Evaluation and prognostic significance of human tissue kallikrein-related peptidase 10 (*KLK10*) in colorectal cancer. *Tumour Biol.* 2012; 33(4):1209-14.
204. Patsis C, Yiotakis I, **Scorilas A**. Diagnostic and prognostic significance of human kallikrein 11 (*KLK11*) mRNA expression levels in patients with laryngeal cancer. *Clin Biochem.* 2012; 45(9):623-30.

205. Evangelou I, Petraki C, Msaouel P, **Scorilas A**, Sdrolia E, Padazi G, Koborozos V, Koutsilieris M. Immunohistochemical expression of somatostatin receptor subtypes 2 and 5 in colorectal cancer. *Eur J Clin Invest*. 2012; 42(7):777-83.
206. Talieri M, Devetzi M, **Scorilas A**, Pappa E, Tsapralis N, Missitzis I, Ardavanis A. Human kallikrein-related peptidase 12 (KLK12) splice variants expression in breast cancer and their clinical impact. *Tumour Biol*. 2012; 33(4):1075-84.
207. Iakovlev VV, Gabril M, Dubinski W, **Scorilas A**, Youssef YM et al.. Microvascular density as an independent predictor of clinical outcome in renal cell carcinoma: an automated image analysis study. *Lab Invest*. 2012; 92(1):46-56.
208. Petraki C, Dubinski W, **Scorilas A**, Saleh C, Pasic MD, Komborozos V, Khalil B, Gabril MY, Streutker C, Diamandis EP, Yousef GM. Evaluation and prognostic significance of human tissue kallikrein-related peptidase 6 (KLK6) in colorectal cancer. *Pathol Res Pract*. 2012; 208(2):104-8.
209. Korbakis D, **Scorilas A**. Quantitative expression analysis of the apoptosis-related genes BCL2, BAX and BCL2L12 in gastric adenocarcinoma cells following treatment with the anticancer drugs cisplatin, etoposide and taxol. *Tumour Biol*. 2012; 33(3):865-75.
210. Avgeris M, Stravodimos K, **Scorilas A**. Kallikrein-related peptidase 4 gene (KLK4) in prostate tumors: Quantitative expression analysis and evaluation of its clinical significance. *Prostate*. 2011; 71(16):1780-9.
211. Talieri M, Alexopoulou DK, **Scorilas A**, Kypraios D, Arnogiannaki N, Devetzi M, Patsavela M, Xynopoulos D Expression analysis and clinical evaluation of kallikrein-related peptidase 10 (KLK10) in colorectal cancer. *Tumour Biol*. 2011; 32(4):737-44.
212. Papageorgiou SG, Kontos CK, Pappa V, Thomadaki H, Kontsioti F, Dervenoulas J, Papageorgiou E, Economopoulos T, **Scorilas A**. The Novel Member of the BCL2 Gene Family, BCL2L12, Is Substantially Elevated in Chronic Lymphocytic Leukemia Patients, Supporting Its Value As a Significant Biomarker. *Oncologist*. 2011; 16(9):1280-91.
213. Dubinski W, Gabril M, Iakovlev VV, **Scorilas A**, Youssef YM et al. Assessment of the prognostic significance of endoglin (CD105) in clear cell renal cell carcinoma using automated image analysis. *Hum Pathol*. 2011; 43(7):1037-43.
214. Talieri M, Devetzi M, **Scorilas A**, Prezas P, Ardavanis A, Apostolaki A, Karameris A. Evaluation of kallikrein-related peptidase 5 expression and its significance for breast cancer patients: association with kallikrein-related peptidase 7 expression. *Anticancer Res*. 2011; 31(9):3093-100.
215. Avgeris M, Papachristopoulou G, Polychronis A, **Scorilas A**. Down-regulation of kallikrein-related peptidase 5 (KLK5) expression in breast cancer patients: a biomarker for the differential diagnosis of breast lesions. *Clin Proteomics*. 2011; 31,8(1):5.
216. Mathioudaki K, **Scorilas A**, Ardavanis A, Lymberi P, Tsiambas E, Devetzi M, Apostolaki A, Talieri M. Clinical evaluation of *PRMT1* gene expression in breast cancer. *Tumour Biol*. 2011; 32(3):575-82.
217. Jamaspishvili T, **Scorilas A**, Kral M, Khomeriki I, Kurfurstova D, Kolar Z, Bouchal J. Immunohistochemical localization and analysis of kallikrein-related peptidase 7 and 11 expression in paired cancer and benign foci in prostate cancer patients. *Neoplasma*. 2011; 58(4):298-303.

218. Xinopoulos D, Bassioulas SP, Kypreos D, Korkolis D, **Scorilas A**, Mavridis K, Dimitroulopoulos D, Paraskevas E. Pancreatic duct guidewire placement for biliary cannulation in a single-session therapeutic ERCP. *World J Gastroenterol*. 2011; 17(15):1989-95.
219. Fendri A, Kontos CK, Khabir A, Mokdad-Gargouri R, **Scorilas A**. *BCL2L12* is a Novel Biomarker for the Prediction of Short-term Relapse in Nasopharyngeal Carcinoma. *Mol Med*. 2011; 17(3-4):163-71.
220. Thomadaki H, Lymberopoulou-Karaliota A, Maniatakou A, **Scorilas A**. Synthesis, spectroscopic study and anticancer activity of a water-soluble Nb(V) peroxo complex. *J Inorg Biochem*. 2011; 105(2):155-63.
221. Dorn J, Harbeck N, Kates R, Gkazepis A, **Scorilas A**, Soosaipillai A, Diamandis E, Kiechle M, Schmalfeldt B, Schmitt M. Impact of expression differences of kallikrein-related peptidases and of uPA and PAI-1 between primary tumor and omentum metastasis in advanced ovarian cancer. *Ann Oncol*. 2011; 22(4):877-83.
222. Papachristopoulou G, Avgeris M, Charlaftis A, **Scorilas A**. Quantitative expression analysis and study of the novel human kallikrein-related peptidase 14 gene (*KLK14*) in malignant and benign breast tissues. *Thromb Haemost*. 2011; 105(1):131-7.
223. Xinopoulos D, Kypreos D, Bassioulas SP, Korkolis D, Mavridis K, **Scorilas A**, Dimitroulopoulos D, Loukou A, Paraskevas E. Comparative study of balloon and metal olive dilators for endoscopic management of benign anastomotic rectal strictures: clinical and cost-effectiveness outcomes. *Surg Endosc*. 2010; 25(3):756-63.
224. Kontos CK, Papadopoulos IN, Fragoulis EG, **Scorilas A**. Quantitative expression analysis and prognostic significance of L-DOPA decarboxylase in colorectal adenocarcinoma. *Br J Cancer*. 2010; 102(9):1384-90.
225. Mavridis K, Avgeris M., Koutalellis G, Stravodimos K, **Scorilas A**. Expression analysis and study of the *KLK15* mRNA splice variants in prostate cancer and benign prostatic hyperplasia *Cancer Sci*. 2010; 101 (3):693 – 699.
226. Psyrri A, Papageorgiou S, Liakata E, **Scorilas A**, Rontogianni D, Kontos CK, Argyriou Pectasides D, Pappa V, Kolialexi A, Economopoulos T. Phosphatidylinositol 3'-kinase catalytic subunit {alpha} gene amplification contributes to the pathogenesis of mantle cell lymphoma. *Clin Cancer Res*. 2010; 391(4):467-74.
227. Mavridis K, Talieri M, **Scorilas A**. *KLK5* gene expression is severely upregulated in androgen independent prostate cancer cells after treatment with the chemotherapeutic agents docetaxel and mitoxantrone. *Biol Chem*. 2010; 391(4):467-74.
228. Florou D, Papadopoulos IN, **Scorilas A**. Molecular analysis and prognostic impact of the novel apoptotic gene *BCL2L12* in gastric cancer. *Biochem Biophys Res Commun*. 2010; 391(1):214-8.
229. Fendri A, Kontos CK, Khabir A, Mokdad-Gargouri R, Ardavanis A, **Scorilas A**. Quantitative analysis of *BCL2* mRNA expression in nasopharyngeal carcinoma: an unfavorable and independent prognostic factor. *Tumour Biol*. 2010; 31(5):391-9.
230. Konstantoudakis G, Florou D, Mavridis K, Papadopoulos IN, **Scorilas A**. Kallikrein-related peptidase 13 (*KLK13*) gene expressional status contributes significantly in the prognosis of primary gastric carcinomas. *Clin Biochem*. 2010; 43(15):1205-11.
231. Chow TF, Mankaruos M, **Scorilas A**, Youssef Y, Girgis A, Mossad S, Metias S, Rofael Y, Honey RJ, Stewart R, Pace KT, Yousef GM. The miR-17-92 Cluster is Over Expressed in and Has an Oncogenic Effect on Renal Cell Carcinoma. *J Urol*. 2010; 183(2):743-51.

232. Korbakis D, Gregorakis AK, **Scorilas A**. Quantitative analysis of human Kallikrein 5 (*KLK5*) expression in prostate needle biopsies: An independent cancer biomarker. *Clin Chem*. 2009; 55(5): 904-13.
233. Siu KW, DeSouza LV, **Scorilas A**, Romaschin AD, Honey RJ, Stewart R, Pace K, Youssef Y, Chow TF, Youssef GM. Differential protein expressions in renal cell carcinoma: new biomarker discovery by mass spectrometry. *J Proteome Res*. 2009; (8):3797-807.
234. Korbakis D, **Scorilas A**. Treatment of gastric cancer cells with 5-fluorouracil/leucovorin and irinotecan induces distinct alterations in the mRNA expression of the apoptosis-related genes, including the novel gene *BCL2L12*. *Tumour Biol*. 2009; 30(2):100-7.
235. Talieri M, Mathioudaki K, Prezas P, Alexopoulou DK, Diamandis EP, Xynopoulos D, Ardavanis A, Arnogiannaki N, **Scorilas A**. Clinical significance of kallikrein-related peptidase 7 (*KLK7*) in colorectal cancer. *Thromb Haemost*. 2009; 101(4):741-7.
236. Thomadaki H, Floros KV, **Scorilas A**. Molecular response of HL-60 cells to mitotic inhibitors vincristine and taxol visualized with apoptosis-related gene expressions, including the new member *BCL2L12*. *Ann N Y Acad Sci*. 2009; 1171:276-83.
237. Theophanous E, Petraki C, **Scorilas A**, Komborozos V, Veloudis G, Varga JL, Zarandi M, Schally AV, Koutsilieris M. The immunohistochemical expression of growth hormone-releasing hormone receptor splice variant 1 is a favorable prognostic marker in colorectal cancer. *Mol Med*. 2009; 15(7-8):242-7.
238. Emami N, **Scorilas A**, Soosaipillai A, Earle T, Mullen B, Diamandis EP. Association between kallikrein-related peptidases (*KLKs*) and macroscopic indicators of semen analysis: their relation to sperm motility. *Biol Chem*. 2009; 390(9):921-9.
239. Talieri M, Li L, Zheng Y, Alexopoulou DK, Soosaipillai A, **Scorilas A**, Xynopoulos D, Diamandis EP. The use of kallikrein-related peptidases as adjuvant prognostic markers in colorectal cancer. *Br J Cancer*. 2009; 100(10):1659-65.
240. Kountourakis P, Psyrri A, **Scorilas A**, Markakis S, Kowalski D, Camp RL, Diamandis EP, Dimopoulos MA. Expression and prognostic significance of kallikrein-related peptidase 8 protein levels in advanced ovarian cancer by using automated quantitative analysis. *Thromb Haemostasis*. 2009; 101(3):541-6.
241. Papachristopoulou G, Avgeris M, **Scorilas A**. Expression analysis and study of *KLK4* in benign and malignant breast tumours. *Thromb Haemostasis*. 2009; 101 (2):381-7.
242. Thomadaki H, Mavridis K, Talieri M, **Scorilas A**. Treatment of PC3 prostate cancer cells with mitoxantrone, etoposide, doxorubicin and carboplatin induces distinct alterations in the expression of kallikreins 5 and 11. *Thromb Haemostasis*. 2009; 101(2):373-80.
243. Devetzi M, **Scorilas A**, Tsiambas E, Sameni M, Fotiou S, Sloane BF, Talieri M. Cathepsin B protein levels in endometrial cancer: Potential value as a tumour biomarker. *Gynecol Oncol*. 2009; 112(3):531-6.
244. Papadokostopoulou A, Mathioudaki K, **Scorilas A**, Xynopoulos D, Ardavanis A, Kouroumalis E, Talieri M. Colon cancer and protein arginine methyltransferase 1 gene expression. *Anticancer Res*. 2009; 29(4):1361-6.
245. Thomadaki H, **Scorilas A**. Molecular profile of breast versus ovarian cancer cells in response to treatment with the anticancer drugs cisplatin, carboplatin, doxorubicin, etoposide and taxol. *Biol Chem*. 2008; 389(11):1427-34.

246. Kontos CK, Papadopoulos IN, **Scorilas A**. Quantitative expression analysis and prognostic significance of the novel apoptosis-related gene BCL2L12 in colon cancer. *Biol Chem*. 2008; 389(12):1467-75.
247. Thomadaki H, Karaliota A, Litos C, **Scorilas A**. Enhanced concentration-dependent cytotoxic effect of the dinuclear copper(II) complex of L-carnitine $[Cu_2(L\text{-carnitine})_2Cl_2(H_2O)_2]Cl_2$, compared to L-carnitine or copper chloride dihydrate, in human leukemic cell lines. *J Med Chem*. 2008; 51(13):3713-9.
248. Mathioudaki K, Papadokostopoulou A, **Scorilas A**, Xynopoulos D, Agnanti N, Talieri M. The PRMT1 gene expression pattern in colon cancer. *Br J Cancer*. 2008; 16,99(12):2094-9.
249. Kountourakis P, Psyrris A, **Scorilas A**, Camp R, Markakis S, Kowalski D, Diamandis EP, Dimopoulos MA. Prognostic value of kallikrein-related peptidase 6 protein expression levels in advanced ovarian cancer evaluated by automated quantitative analysis (AQUA). *Cancer Sci*. 2008; 99(11):2224-9.
250. Ardavanis A, Koumna S, Fragos I, Malliou S, Kyriakou F, Mantzaris I, **Scorilas A**, Rigatos G. Erlotinib monotherapy in patients with advanced non-small cell lung cancer: an effective approach with low toxicity. *Anticancer Res*. 2008; 28(4C):2409-15.
251. Ardavanis A, Kountourakis P, Kyriakou F, Malliou S, Mantzaris I, Garoufali A, Yiotis I, **Scorilas A**, Baziotis N, Rigatos G. Trastuzumab plus paclitaxel or docetaxel in HER-2-negative/HER-2 ECD-positive anthracycline- and taxane-refractory advanced breast cancer. *Oncologist*. 2008; 13 (4):361-9.
252. Psyrris A, Kountourakis P, **Scorilas A**, Markakis S, Camp R, Kowalski D, Diamandis EP, Dimopoulos MA. Human tissue kallikrein 7, a novel biomarker for advanced ovarian carcinoma using a novel in situ quantitative method of protein expression. *Ann Oncol*. 2008; 19(7):1271-7,.
253. Avgeris M, Koutalellis G, Fragoulis EG, **Scorilas A**. Expression Analysis and Clinical Utility of L-Dopa Decarboxylase (DDC) in Prostate Cancer. *Clin Biochem*. 2008; 41(14-15):1140-9.
254. Thomadaki H, Tsiapalis CM, **Scorilas A**. The effect of the polyadenylation inhibitor cordycepin on human Molt-4 and Daudi leukaemia and lymphoma cell lines. *Cancer Chemother Pharmacol*. 2008; 61(4):703-11.
255. Gregorakis AK, Stefanakis S, Malovrouvas D, Petraki K, Gourgiotis D, **Scorilas A**. Total and free PSA kinetics in patients without prostate cancer undergoing radical cystoprostatectomy. *Prostate*. 2008; 68(7):759-65.
256. Pampalakis G, **Scorilas A**, Sotiropoulou G. Novel splice variants of prostate-specific antigen and applications in diagnosis of prostate cancer. *Clin Biochem*. 2008; 41(7-8):591-7.
257. Thomadaki H, **Scorilas A**, Tsiapalis CM, Havredaki M. The role of cordycepin in cancer treatment via induction or inhibition of apoptosis: implication of polyadenylation in a cell type specific manner. *Cancer Chemother Pharmacol*. 2008; 61(2):251-65.
258. Garoufali A, Kyriakou F, Kountourakis P, Yioti I, Malliou S, Nikaki A, Kardara E, Frangos I, Koumna S, Baziotis N, **Scorilas A**, Ardavanis A. Extracellular domain of HER2: a useful marker for the initial workup and follow-up of HER2-positive breast cancer. *J Buon*. 2008; 13(3):409-13.
259. Thomadaki H, **Scorilas A**. Breast cancer cells response to the antineoplastic agents cisplatin, carboplatin, and doxorubicin at the mRNA expression levels of distinct apoptosis-related genes, including the new member, BCL2L12. *Ann N Y Acad Sci*. 2007; 1095:35-44.

260. Katsarou ME, Thomadaki H, Katsaros N and **Scorilas A**. Effect of bleomycin and cisplatin on the expression profile of SRA1, a novel member of pre-mRNA splicing factors, in HL-60 human promyelocytic leukemia cells. *Biol Chem*. 2007; 388(8):773-8.
261. Floros KV, Talieri M and **Scorilas A**. Topotecan and methotrexate alter expression of the apoptosis-related genes BCL2, FAS and BCL2L12 in leukemic HL-60 cells. *Biol Chem*. 2007; 387(12):1629-33.
262. Thomadaki H, Karaliota A, Litos C and **Scorilas A**. Enhanced Antileukemic Activity of the Novel Complex 2,5-Dihydroxybenzoate Molybdenum(VI) against 2,5-Dihydroxybenzoate, Polyoxometalate of Mo(VI), and Tetraphenylphosphonium in the Human HL-60 and K562 Leukemic Cell Lines. *J Med Chem*. 2007; 50(6):1316-21.
263. Floros KV, Thomadaki H, Florou D, Talieri M, **Scorilas A**. Alterations in mRNA expression of apoptosis-related genes BCL2, BAX, FAS, caspase-3, and the novel member BCL2L12 after treatment of human leukemic cell line HL60 with the antineoplastic agent etoposide. *Ann N Y Acad Sci*. 2007; 1090:89-97.
264. Zheng Y, Katsaros D, Shan SJ, de la Longrais IR, Porpiglia M, **Scorilas A**, Kim NW, Wolfert RL, Simon I, Li L, Feng Z, Diamandis EP. A multiparametric panel for ovarian cancer diagnosis, prognosis, and response to chemotherapy. *Clin Cancer Res*. 2007; 13(23):6984-92.
265. Revelos K, Petraki C, **Scorilas A**, Stefanakis S, Malovrouvas D, Alevizopoulos N, Kanellis G, Halapas A, Koutsilieris M. Correlation of androgen receptor status, neuroendocrine differentiation and angiogenesis with time-to-biochemical failure after radical prostatectomy in clinically localized prostate cancer. *Anticancer Res*. 2007; 27(5B):3651-60.
266. Simon I, Katsaros D, Rigault de la Longrais I, Massobrio M, **Scorilas A**, Kim NW, Sarno MJ, Wolfert RL, Diamandis EP. B7-H4 is over-expressed in early-stage ovarian cancer and is independent of CA125 expression. *Gynecol Oncol*. 2007; 106(2):334-41.
267. Dorn J, Schmitt M, Kates R, Schmalfeldt B, Kiechle M, **Scorilas A**, Diamandis EP, Harbeck N. Primary tumor levels of human tissue kallikreins affect surgical success and survival in ovarian cancer patients. *Clin Cancer Res*. 2007; 13(6):1742-8.
268. Shan SJ, **Scorilas A**, Katsaros D, Diamandis EP. Transcriptional upregulation of human tissue kallikrein 6 in ovarian cancer: clinical and mechanistic aspects. *Br J Cancer*. 2007; 96(2):362-72.
269. Efthimiadou EK, Thomadaki H, Sanakis Y, Raptopoulou CP, Katsaros N, **Scorilas A**, Karaliota A, Psomas G. Structure and biological properties of the copper(II) complex with the quinolone antibacterial drug N-propyl-norfloxacin and 2,2'-bipyridine. *J Inorg Biochem*. 2007; 101, 64-73.
270. Thomadaki H, Talieri M and **Scorilas A**. Prognostic value of the apoptosis related genes BCL2 and BCL2L12 in breast cancer. *Cancer Lett*. 2007; 247(1):48-55.
271. Prezas P, **Scorilas A**, Yfanti C, Viktorov P, Agnanti N, Diamandis E, Talieri M. The role of human tissue kallikreins 7 and 8 in intracranial malignancies. *Biol Chem*. 2006; 387(12) :1607-12.
272. Leoutsakou T, Talieri M and **Scorilas A**. Prognostic significance of the expression of SR-A1, encoding a novel SR-related CTD-associated factor, in breast cancer. *Biol Chem*. 2006; 387(12):1613-8.
273. Ardavanis A, **Scorilas A**, Tryfonopoulos D, et al.. Multidisciplinary therapy of locally far-advanced or inflammatory breast cancer with fixed perioperative sequence of epirubicin, vinorelbine, and Fluorouracil chemotherapy, surgery, and radiotherapy: long-term results. *Oncologist*. 2006; 11(6):563-73.

274. Shan SJ, **Scorilas A**, Katsaros D, Rigault de la Longrais I, Massobrio M, Diamandis EP. Unfavorable prognostic value of human kallikrein 7 quantified by ELISA in ovarian cancer cytosols. *Clin Chem*. 2006; 52(10):1879-86.
275. Thomadaki H, Talieri M and **Scorilas A**. Treatment of MCF-7 cells with taxol and etoposide induces distinct alterations in the expression of apoptosis-related genes *BCL2*, *BCL2L12*, *BAX*, *CASPASE-9* and *FAS*. *Biol Chem*. 2006; 387(8):1081-6.
276. Leoutsakou T, Talieri M and **Scorilas A**. Expression analysis and prognostic significance of the *SRA1* gene, in ovarian cancer. *Biochem Biophys Res Commun*. 2006; 344(2):667-74.
277. Agiamarnioti K, Triantis T, Papadopoulos K and **Scorilas A**. 10-(2-Biotinyloxyethyl)-9-acridone. A novel fluorescent label for (strept)avidin–biotin based assays. *J Photochem Photobiol A*. 2006; 181:126–131.
278. **Scorilas A** and Gregorakis AK. mRNA expression analysis of human kallikrein 11 (*KLK11*) may be useful in the discrimination of benign prostatic hyperplasia from prostate cancer after needle prostate biopsy. *Biol Chem*. 2006; 387(6):789-93.
279. Thomadaki H, Tsiapalis CM and **Scorilas A**. Polyadenylate polymerase modulations in human epithelioid cervix and breast cancer cell lines, treated with etoposide or cordycepin, follow cell cycle rather than apoptosis induction. *Biol Chem*. 2006; 386(5):471-80.
280. Slagter MH, **Scorilas A**, Gooren LJ, de Ronde W, Soosaipillai A, Giltay EJ, Paliouras M, Diamandis EP. Effect of Testosterone Administration on Serum and Urine Kallikrein Concentrations in Female-to-Male Transsexuals. *Clin Chem*. 2006; 52(8):1546-51.
281. Borgono CA, Kishi T, **Scorilas A**, Harbeck N, Dorn J, Schmalfeldt B, Schmitt M, Diamandis EP. Human kallikrein 8 protein is a favorable prognostic marker in ovarian cancer. *Clin Cancer Res*. 2006; 12: 1487-1493.
282. Slagter MH, Gooren LJ, de Ronde W, Soosaipillai A, **Scorilas A**, Giltay EJ, Paliouras M, Diamandis EP. Serum and Urine Tissue Kallikrein Concentrations in Male-to-Female Transsexuals Treated with Antiandrogens and Estrogens. *Clin Chem*. 2006; 52:1356-1365.
283. Slagter MH, Gooren LJ, **Scorilas A**, Petraki CD, Diamandis EP. Effects of Long-term Androgen Administration on Breast Tissue of Female-to-Male Transsexuals. *J Histochem Cytochem*. 2006; 54: 905-910.
284. Oikonomopoulou K, **Scorilas A**, Michael IP, Grass L, Soosaipillai A, Rosen B, Murphy J, Diamandis EP. Kallikreins as markers of disseminated tumour cells in ovarian cancer-- a pilot study. *Tumour Biol*. 2006; 27(2):104-14.
285. Stavropoulou P, Gregorakis AK, Plebani M and **Scorilas A**. Expression analysis and prognostic significance of human kallikrein 11 in prostate cancer. *Clin Chim Acta*. 2005; 357:190-5.
286. **Scorilas A**, Agiamarnioti K, Papadopoulos K. Novel biotinylated acridinium derivatives: new reagents for fluorescence immunoassays and proteomics. *Clin Chim Acta*. 2005; 357:159-67.
287. Katsarou ME, Papakyriakou A, Katsaros N and **Scorilas A**. Expression of the C-terminal domain of novel human SR-A1 protein: interaction with the CTD domain of RNA polymerase II. *Biochem Biophys Res Commun*. 2005; 334:61-8.
288. Yannopoulos A, Dimitriadis E, **Scorilas A**, Trangas T, Markakis E, Talieri M. mRNA quantification and clinical evaluation of telomerase reverse transcriptase subunit (*hTERT*) in intracranial tumours of patients in the island of Crete. *Br J Cancer*. 2005; 93:152-8.

289. Gregorakis AK, Malovrouvas D, Stefanakis S, Petraki K and **Scorilas A**. Free/Total PSA (F/T ratio) kinetics in patients with clinically localized prostate cancer undergoing radical prostatectomy. *Clin Chim Acta*. 2005; 357:196-201.
290. Revelos K, Petraki C, Gregorakis A, **Scorilas A**, Papanastasiou P, Tenta R, Koutsilieris M. p27(kip1) and ki-67 (MIB1) immunohistochemical expression in radical prostatectomy specimens of patients with clinically localized prostate cancer. *In Vivo*. 2005; 19:911-20.
291. Ardavanis A, Tryfonopoulos D, Orfanos G, Karamouzis M, Scorilas A, Alexopoulos A, Rigatos G. Safety and efficacy of trastuzumab every 3 weeks combined with cytotoxic chemotherapy in patients with HER2-positive recurrent breast cancer: findings from a case series. *Onkologie*. 2005; 28(11):558-64.
292. Revelos K, Petraki C, Gregorakis A, **Scorilas A**, Papanastasiou P, Koutsilieris M. Immunohistochemical expression of Bcl2 is an independent predictor of time-to-biochemical failure in patients with clinically localized prostate cancer following radical prostatectomy. *Anticancer Res*. 2005; 25:3123-33.
293. **Scorilas A**, Borgono CA, Harbeck N, Dorn J, Schmalfeldt B, Schmitt M, Diamandis EP. Human kallikrein 13 protein in ovarian cancer cytosols: a new favorable prognostic marker. *J Clin Oncol*. 2004; 22:678-85.
294. Floros KV, Thomadaki H, Katsaros N, Talieri M and **Scorilas A**. mRNA expression analysis of a variety of apoptosis-related genes, including the novel gene of the *BCL2*-family, *BCL2L12*, in HL-60 leukemia cells after treatment with carboplatin and doxorubicin. *Biol Chem*. 2004; 385(11):1099-103.
295. Mathioudaki K, Leotsakou T, Papadokostopoulou A, Paraskevas E, Ardavanis A, Talieri M and **Scorilas A**. *SR-A1*, a member of the human pre-mRNA splicing factor family, and its expression in colon cancer progression. *Biol Chem*. 2004; 385(9):785-90.
296. Diamandis EP, Borgono CA, **Scorilas A**, Harbeck N, Dorn J, Schmitt M. Human kallikrein 11: an indicator of favorable prognosis in ovarian cancer patients. *Clin Biochem*. 2004; 37(9):823-9.
297. Talieri M, Diamandis EP, Gourgiotis D, Mathioudaki K, **Scorilas A**. Expression analysis of the human kallikrein 7 (KLK7) in breast tumors: a new potential biomarker for prognosis of breast carcinoma. *Thromb Haemost*. 2004; 91:180-6.
298. Diamandis EP, **Scorilas A**, Kishi T, Blennow K, Luo LY, Soosaipillai A, Rademaker AW, Sjogren M. Altered kallikrein 7 and 10 concentrations in cerebrospinal fluid of patients with Alzheimer's disease and frontotemporal dementia. *Clin Biochem*. 2004; 7:230-7.
299. Talieri M, Papadopoulou S, **Scorilas A**, Xynopoulos D, Arnogianaki N, Plataniotis G, Yotis J, Agnanti N. Cathepsin B and cathepsin D expression in the progression of colorectal adenoma to carcinoma. *Cancer Lett*. 2004; 205:97-106.
300. Mathioudaki K, **Scorilas A**, Papadokostopoulou A, Xynopoulos D, Arnogianaki N, Agnanti N, Talieri M. Expression analysis of *BCL2L12*, a new member of apoptosis-related genes, in colon cancer. *Biol Chem*. 2004; 385(9):779-83.
301. Stephan C, Yousef GM, **Scorilas A**, Jung K, Jung M, Kristiansen G, Hauptmann S, Kishi T, Nakamura T, Loening SA, Diamandis EP. Hepsin is highly over expressed in and a new candidate for a prognostic indicator in prostate cancer. *J Urol*. 2004; 171:187-91.
302. **Scorilas A**, Plebani M, Mazza S, Basso D, Soosaipillai AR, Katsaros D, Pagano F, Diamandis EP. Serum human glandular kallikrein (hK2) and insulin-like growth factor 1 (IGF-1) improve the

discrimination between prostate cancer and benign prostatic hyperplasia in combination with total and %free PSA. *Prostate*. 2003; 54:220-229.

303. **Scorilas A**, Chiang PM, Katsaros D, Yousef GM, Diamandis EP. Molecular characterization of a new gene, CEAL1, encoding for a carcinoembryonic antigen-like protein with a highly conserved domain of eukaryotic translation initiation factors. *Gene*. 2003; 310:79-89.
304. Floros KV, Thomadaki H, Lallas G, Katsaros N, Talieri M, **Scorilas A**. Cisplatin-induced apoptosis in HL-60 human promyelocytic leukemia cells: differential expression of BCL2 and novel apoptosis-related gene BCL2L12. *Ann N Y Acad Sci*. 2003; 1010:153-8.
305. Diamandis EP, Borgono CA, **Scorilas A**, Yousef GM, Harbeck N, Dorn J, Schmalfeldt B, Schmitt M. Immunofluorometric quantification of human kallikrein 5 expression in ovarian cancer cytosols and its association with unfavorable patient prognosis. *Tumour Biol*. 2003; 24:299-309.
306. Talieri M, Diamandis EP, Katsaros N, Gourgiotis D, **Scorilas A**. Expression of BCL2L12, a new member of apoptosis-related genes, in breast tumors. *Thromb Haemost*. 2003; 89:1081-8.
307. Stephan C, Yousef GM, **Scorilas A**, Jung K, Jung M, Kristiansen G, Hauptmann S, Bharaj BS, Nakamura T, Loening SA, Diamandis EP. Quantitative analysis of kallikrein 15 gene expression in prostatic tissue. *J Urol*. 2003; 169:361-364.
308. Nakamura T, **Scorilas A**, Stephan C, Jung K, Soosaipillai AR, Diamandis EP. The usefulness of serum human kallikrein 11 for discriminating between prostate cancer and benign prostatic hyperplasia. *Cancer Res*, 2003; 63:6543-6546.
309. Yousef GM, **Scorilas A**, Katsaros D, Fracchioli S, Iskander L, Borgono C, Puopolo M, Massobrio M, Diamandis EP. Prognostic value of the human kallikrein gene 15 expression in ovarian cancer. *J Clin Oncol*. 2003; 21:3119-3126.
310. Yousef GM, Polymeris ME, Grass L, Soosaipillai A, Chan PC, **Scorilas A**, Borgono C, Harbeck N, Schmalfeldt B, Dorn J, Schmitt M, Diamandis EP. Human kallikrein 5: a potential novel serum biomarker for breast and ovarian cancer. *Cancer Res*. 2003; 63:3958-3965.
311. Yousef GM, Stephan C, **Scorilas A**, Ellatif MA, Jung K, Kristiansen G, Jung M, Polymeris ME, Diamandis EP. Differential expression of the human kallikrein gene 14 (KLK14) in normal and cancerous prostatic tissues. *Prostate*. 2003; 56:287-292.
312. Borgono CA, Fracchioli S, Yousef GM, Luo LY, Soosaipillai A, Puopolo M, Grass L, **Scorilas A**, Diamandis EP, Katsaros D. Favorable prognostic value of tissue human kallikrein 11 (hK11) in patients with ovarian carcinoma. *Int J Cancer*. 2003; 106:605-610.
313. Kishi T, Grass L, Soosaipillai A, **Scorilas A**, Harbeck N, Schmalfeldt B, Dorn J, Mysliwiec M, Schmitt M, Diamandis EP. Human kallikrein 8, a novel biomarker for ovarian carcinoma. *Cancer Res*. 2003; 63:2771-2774.
314. Nakamura T, Stephan C, **Scorilas A**, Yousef GM, Jung K, Diamandis EP. Quantitative analysis of hippostasin/KLK11 gene expression in cancerous and noncancerous prostatic tissues. *Urology*. 2003; 61:1042-1046.
315. Yousef GM, Polymeris ME, Yacoub GM, **Scorilas A**, Soosaipillai A, Popalis C, Fracchioli S, Katsaros D, Diamandis EP. Parallel overexpression of seven kallikrein genes in ovarian cancer. *Cancer Res*. 2003; 63:2223-2227.

316. Yousef GM, Scorilas A, Nakamura T, Ellatif MA, Ponzzone R, Biglia N, Maggiorotto F, Roagna R, Sismondi P, Diamandis EP. The prognostic value of the human kallikrein gene 9 (KLK9) in breast cancer. *Breast Cancer Res Treat.* 2003; 78:149-158.
317. Nakamura T, Scorilas A, Stephan C, Yousef GM, Kristiansen G, Jung K, Diamandis EP. Quantitative analysis of macrophage inhibitory cytokine-1 (MIC-1) gene expression in human prostatic tissues. *Br J Cancer.* 2003; 88:1101-1104.
318. Diamandis EP, **Scorilas A**, Katsaros N, Stenman C, Henrik A, Soosaipillai A, Grass L, Katsaros D. Human kallikrein 6 (hK6): A new serum biomarker for diagnosis and prognosis of ovarian carcinoma. *J Clin Oncol.* 2003; 21:1035-1043.
319. Luo Y, Katsaros D, Scorilas A, Fracchioli S, Bellino R, Gramberen M, Bruijn H, Henrik A, Stenman U, Massobrio M, Zee A, Vergote I, Diamandis EP. The Diagnostic and Prognostic Value of Serum Human Kallikrein 10 in Ovarian Cancer. *Cancer Res.* 2003; 63:807-811.
320. Kyriakopoulou L, Yousef GM, **Scorilas A**, Katsaros D, Massobrio M, Fracchioli S, Diamandis EP. Prognostic value of quantitatively assessed KLK7 expression in ovarian cancer. *Clin Biochem.* 2003; 36:135-143.
321. Yousef GM, Fracchioli S, **Scorilas A**, Borgoño C, Iskander L, Richiardi G, Massobrio M, Katsaros D, Diamandis EP. Steroid hormone regulation and prognostic value of the human Kallikrein gene 14 (KLK14) in ovarian cancer. *Am J Clin Pathol.* 2003; 119:346-355.
322. **Scorilas A**, Levesque AL, Ashworth KL, Diamandis E.P. Cloning, structural characterization, physical mapping and expression pattern of the human alpha-adaptin A gene. *Gene.* 2002; 289: 191-199.
323. **Scorilas A**, Fotiou S, Tsiambas E, Yotis J, Kotsiandri F, Sameni M, Sloane BF, Talieri M. Determination of Cathepsin B expression may offer additional prognostic information for ovarian cancer patients. *Biol Chem.* 2002; 383:1297 – 1303.
324. **Scorilas A**, Magklara A, Hoffman BR, Bromberg RM, Bjartell A and Diamandis EP. Highly sensitive array analysis using time resolved fluorescence and a novel streptavidin-based reagent. *Anal Sci.* 2002; 17:547-550.
325. Yousef GM, **Scorilas A**, Magklara A, Memari N, Ponzzone R, Sismondi P, Biglia N, Abd Ellatif M, Diamandis EP. The androgen-regulated gene human kallikrein 15 (KLK15) is an independent and favourable prognostic marker for breast cancer. *Br J Cancer.* 2002; 87:1294-3000.
326. Yousef GM, Borgono CA, **Scorilas A**, Ponzzone R, Biglia N, Iskander L, Polymeris ME, Roagna R, Sismondi P, Diamandis EP. Quantitative analysis of human kallikrein gene 14 expression in breast tumours indicates association with poor prognosis. *Br J Cancer.* 2002; 87:1287-1293.
327. Yousef GM, Obiezu CV, Jung K, Stephan C, **Scorilas A**, Diamandis EP. Differential expression of Kallikrein gene 5 in cancerous and normal testicular tissues. *Urology.* 2002; 60:714-718.
328. Zarghooni M, Soosaipillai A, Grass L, **Scorilas A**, Mirazimi N, Diamandis EP. Decreased concentration of human kallikrein 6 in brain extracts of Alzheimer's disease patients. *Clin Biochem* 2002; 3:225-231.
329. Chang A, Yousef GM, **Scorilas A**, Grass L, Sismondi P, Ponzzone R, Diamandis EP. Human Kallikrein gene 13 (KLK13) expression by quantitative RT-PCR: An independent indicator of favorable prognosis in breast cancer. *Br J Cancer.* 2002; 86:1457-1464.
330. Hoffman BR, Katsaros D, **Scorilas A**, Diamandis P, Fracchioli S, Longrais IA, Colgan T, Puopolo M, Giardina G, Massobrio M, Diamandis EP. Immunofluorometric quantitation and

- histochemical localisation of kallikrein 6 protein in ovarian cancer tissue: a new independent unfavourable prognostic biomarker. *Br J Cancer*. 2002; 23:763-771.
331. Obiezu CV, Soosaipillai A, Jung K, Stephan C, **Scorilas A**, Howarth DH, Diamandis EP. Detection of human Kallikrein 4 (hK4) in normal and cancerous prostatic tissues by immunofluorometry and immunohistochemistry. *Clin Chem*. 2002; 48:1232-1240.
 332. Yousef GM, **Scorilas A**, Kyriakopoulou LG, Rendl L, Diamandis M, Ponzzone R, Biglia N, Giai M, Roagna R, Sismondi P, Diamandis EP. Human Kallikrein Gene 5 (KLK5) Expression by Quantitative PCR: An Independent Indicator of Poor Prognosis in Breast Cancer. *Clin Chem* 2002; 48:1241-1250.
 333. Yousef GM, **Scorilas A**, Chang A, Rendl L, Diamandis M, Jung K, Diamandis EP. Down-regulation of the human kallikrein gene 5 (KLK5) in prostate cancer tissues. *Prostate*. 2002; 51:126-132.
 334. Papadopoulou S, **Scorilas A**, Yotis J, Arnogianaki N, Plataniotis G, Agnanti N. Significance of urokinase-type plasminogen activator (uPA) and plasminogen activator inhibitor-1 (PAI-1) expression in human colorectal carcinomas. *Tumour Biol*. 2002; 23:170-178.
 335. **Scorilas A**, Karameris A, Arnogiannaki N, Ardavanis A, Basilopoulos P, Trangas T, Talieri M. Overexpression of matrix - metalloproteinase-9 in human breast cancer. A new favorable indicator in node-negative patients. *Br J Cancer*. 2001; 84:1488-1496.
 336. **Scorilas A**, Kyriakopoulou L, Yousef GM, Ashworth L, Kwamie A, Diamandis E.P. Molecular cloning, physical mapping and expression analysis of a novel gene, BCL2L12, encoding for a proline-rich protein with a highly conserved BH2 domain of the Bcl-2 family. *Genomics*. 2001; 72: 217-221.
 337. **Scorilas A**, Bharaj B, Giai M and Diamandis EP. Codon 89 polymorphism in the human 5 α -reductase gene in primary breast cancer. *Br J Cancer*. 2001; 84:760-767.
 338. **Scorilas A**, Yousef GM, Jung K, Meyts E, Carsten S, Diamandis EP. Identification and characterization of a novel human testis specific kinase substrate gene which is down-regulated in testicular carcinomas. *Biochem Biophys Res Commun*. 2001; 285: 400-408.
 339. **Scorilas A**, Kyriakopoulou L, Katsaros D and Diamandis EP. Cloning of a gene (SR-A1), encoding for a new member of the human Ser/Arg-rich family of Pre-mRNA splicing factors: Overexpression in aggressive ovarian cancer. *Br J Cancer*. 2001; 85: 190-198.
 340. Obiezu CV, **Scorilas A**, Magklara A, Thornton MH, Wang CY, Stanczyk FZ, Diamandis EP. Prostate specific antigen (PSA) and human glandular kallikrein (hK2) are markedly elevated in polycystic ovary syndrome. *J Clin Endocr Metab*. 2001; 86:1558-1561.
 341. Khosravi J, Diamandi A, Mistry J, **Scorilas A**. Insulin-like growth factor (IGF)-I and IGF binding protein (IGFBP)-3 in benign prostatic hyperplasia and prostate cancer. *J Clin Endocr Metab*. 2001; 86:694-699.
 342. Kim H, **Scorilas A**, Katsaros D, Yousef GM, Massobrio M, Fracchioli S, Piccinno R, Gordini G, Diamandis EP. Human Kallikrein gene 5 (KLK5) expression is an indicator of poor prognosis in ovarian cancer. *Br J Cancer*. 2001; 84:643-650.
 343. Magklara A, **Scorilas A**, Katsaros D, Massobrio M, Yousef GM, Fracchioli S, Danese S, Diamandis EP. The human KLK8 (neuropsin/ovasin) gene: identification of two novel splice variants and its prognostic value in ovarian cancer. *Clin Cancer Res*. 2001; 7:806-811.

344. Luo LY, Bunting P, **Scorilas A**, Diamandis EP. Human kallikrein 10: A novel tumor marker for ovarian carcinoma? *Clin Chim Acta*. 2001; 306:111-118.
345. Obiezu CV, **Scorilas A**, Katsaros D, Massobrio M, Yousef GM, Fracchioli S, Rigault de la Longrais IA, Arisio R, Diamandis EP. Higher kallikrein gene 4 (KLK4) expression indicates poor prognosis of ovarian cancer patients. *Clin Cancer Res*. 2001; 7: 2380-2386.
346. Luo LY, Katsaros D, **Scorilas A**, Fracchioli S, Piccinno R, Rigault de la Longrais IA, Howarth DJ, Diamandis EP. Prognostic Value of Human Kallikrein 10 Expression in Epithelial Ovarian Carcinoma. *Clin Cancer Res*. 2001; 7: 2372-2379.
347. Yousef GM, **Scorilas A**, Jung K, Aschworth L and Diamandis EP. Molecular cloning of the human kallikrein 15 gene (KLK15). Up-regulation in prostate cancer. *J Biol Chem*. 2001; 276:53-61.
348. Papadopoulou S, **Scorilas A**, Arnogianaki N, Yotis J, Papapanayiotou B, Agnantis N, Talieri M. Expression of gelatinase-A (MMP-2) in human colon cancer and normal colon mucosa *Tumour Biol*. 2001; 22: 383-289.
349. Yousef GM, Kyriakopoulou LG, **Scorilas A**, Fracchioli S, Ghiringhello B, Zarghooni M, Chang A, Diamandis M, Giardina G, Hartwick WJ, Richiardi G, Massobrio M, Diamandis EP, Katsaros D. Quantitative expression of the human kallikrein gene 9 (KLK9) in ovarian cancer: a new independent and favorable prognostic marker. *Cancer Res*. 2001; 61:7811-7818.
350. Kalomenidis I, Orphanidou D, Papamichalis G, Vassilakopoulos T, **Skorilas A**, Rasidakis A, Papastamatiou H, Jordanoglou J, Roussos C. Combined expression of p53, Bcl-2, and p21WAF-1 proteins in lung cancer and premalignant lesions: association with clinical characteristics. *Lung*. 2001; 179: 265-278.
351. **Scorilas A**, Talieri M, Ardavanis A, Courtis N, Yotis J, Dimitriadis E, Tsiapalis C and Trangas T. Polyadenylate polymerase enzymatic activity in mammary tumor cytosols: A new independent prognostic marker in primary breast cancer. *Cancer Res*. 2000; 60:5427-5433.
352. **Scorilas A**, Bjartell A, Lilja H, Moller C, Diamandis EP. Streptavidin-polyvinylamine conjugates labeled with a europium chelate: Applications in immunoassay, immunohistochemistry and microarrays. *Clin Chem*. 2000; 46: 1450-1455.
353. **Scorilas A**, Black MH, Talieri M, Diamandis EP. Genomic organization of the human protein arginine methyltransferase 1 gene (PRMT1): Differential expression of splice variants in breast cancer *Biochem Biophys Res Commun*. 2000; 278:349-259.
354. **Scorilas A** and Diamandis EP. Polyvinylamine-streptavidin complexes labeled with a europium chelator - A universal detection reagent for solid-phase time resolved fluorometric applications. *Clin Biochem*. 2000; 33: 345-350.
355. **Scorilas A**, Yu H, Soosaipilai A, Gregorakis A and Diamandis EP. Comparison of the percent free prostate-specific antigen levels in the serum of healthy men and in men with recurrent prostate cancer after radical prostatectomy. *Clin Chim Acta*. 2000; 292: 127-138.
356. Yousef GM, **Scorilas A** and Diamandis EP. Genomic organization, mapping, tissue expression and hormonal regulation of trypsin-like serine protease (TLSP PRSS20), a new member of the human kallikrein gene family. *Genomics*. 2000; 63: 88-96.
357. Yousef GM, **Scorilas A**, Magklara A, Soosaipillai A and Diamandis E.P. The KLK7 (PRSS6) gene, encoding for the stratum corneum chymotryptic enzyme is a new member of the human kallikrein gene family - genomic characterization, mapping, tissue expression and hormonal regulation. *Gene*. 2000; 254:119-128.

358. Bharaj B, **Scorilas A**, Giai M and Diamandis EP. TA Repeat Polymorphism of the 5 α -Reductase Gene and Breast Cancer. *Cancer Epidem Biomar*. 2000; 6:387-393.
359. Nam R, Diamandis EP, Toi A, Trachtenberg J, Magklara A, **Scorilas A**, Papanastasiou P, Soosaipillai A, Jewett M and Narod S. Serum human glandular kallikrein (hK2) levels predict the presence of prostate cancer among men with moderately elevated prostate specific-antigen. *J Clin Oncol*. 2000; 5: 1036-1042.
360. Sklavounou A, Chrysomali E, **Scorilas A**, Karameris A. TNF- α expression and apoptosis-regulating proteins in oral lichen planus: a comparative immunohistochemical evaluation. *J Oral Pathol Med*. 2000; 29: 370-375.
361. Bharaj B, **Scorilas A**, Diamandis EP, Giai M, Levesque MA, Sutherland DJ, Hoffman BR. Breast cancer prognostic significance of a single nucleotide polymorphism in the proximal androgen response element of the prostate specific antigen gene promoter. *Breast Cancer Res Treat*. 2000; 61:111-119.
362. Obiezu CV, Giltay EJ, Magklara A, **Scorilas A**, Gooren LJ, Yu H, Howarth DJ, Diamandis EP. Dramatic suppression of serum prostate specific antigen and human glandular kallikrein by anti-androgens in male to female transsexuals. *J Urol*. 2000; 163:802-805.
363. Obiezu C, Giltay E, Magklara A, **Scorilas A**, Yu H, Gooren L and Diamandis EP. Serum prostate specific antigen is significantly elevated after testosterone administration in female to male transsexuals. *Clin Chem*. 2000; 46:859-862.
364. Magklara A, **Scorilas A**, Stephan C, Kristiansen G, Hauptmann S, Jung K, Diamandis EP. Decreased concentrations of prostate specific antigen (PSA) and human glandular kallikrein 2 (hK2) in malignant vs non-malignant prostatic tissue. *Urology*. 2000; 56:527-532.
365. Yousef GM, Chang A, **Scorilas A**, Eleftherios P, Diamandis. Genomic organization of the human kallikrein locus on chromosome 19q13.3-q13.4. *Biochem Biophys Res Commun*. 2000; 276: 125-133.
366. **Scorilas A**, Trangas T, Yotis J, Pateras C, Talieri M. Determination of c-myc amplification and overexpression in breast cancer patients. Evaluation of its prognostic value against c-erbB-2, cathepsin-D and clinicopathologic characteristics using univariate and multivariate analysis. *Br J Cancer*. 1999; 81:1385-1391.
367. **Scorilas A**, Diamandis EP, Levesque MA, Papanastasiou-Diamandi A, Khosravi MJ, Giai M, Ponzzone R, Roagna R, Sismondi P and Lopez-Otin C. Immunoenzymatically determined pepsinogen C concentration in breast tumor cytosols: an independent favorable prognostic factor in node-positive patients. *Clin Cancer Res*. 1999; 5:1778-1785.
368. **Scorilas A**, Yotis I, Pateras CH, Trangas T, Talieri M. Predictive value c-erbB-2 and cathepsin-D for Greek breast cancer patients using univariate and multivariate analysis. *Clin Cancer Res*. 1999; 5:815-821.
369. Magklara A, **Scorilas A**, Catalona WJ, Diamandis EP. The combination of human glandular kallikrein and free prostate-specific antigen (PSA) enhances discrimination between prostate cancer and benign prostatic hyperplasia in patients with moderately increased total PSA. *Clin Chem*. 1999; 45:1960-1966.
370. Magklara A, **Scorilas A**, Lopez-Otin C, Vizoso F, Ruibal A, Diamandis EP. Human glandular kallikrein (hK2) in breast milk, amniotic fluid and breast cyst fluid. *Clin Chem*. 1999; 45:1774-1780.

371. **Scorilas A**, Courtis N, Yotis J, Talieri M, Michailakis M, Trangas T. Poly(A)polymerase activity levels in breast tumor cytosols. *J Exp Clin Canc Res*. 1998; 17:511-518.
372. Ardavanis A, **Scorilas A**, Loukeri A, Gerakini F, Pissakas G, Missitzis I, Apostolikas N, Yiotis I. Cathepsin D may help in discriminating node-negative breast cancer patients at risk for local-regional recurrence. *Anticancer Res*. 1998; 18: 2885-2890.
373. Ardavanis A, Gerakini F, Amanatidou A, **Scorilas A**, Pateras C, Garoufali A, Pissakas G, Stravolemos K, Apostolikas N, Yiotis I. Relationships between cathepsin-D, pS2 protein and hormonal receptors in breast cancer cytosols: Inconsistency with their established prognostic significance. *Anticancer Res*. 1997; 17: 3665-3670.
374. Ardavanis A, **Scorilas A**, Amanatidou A, Gerakini F, Missitzis I, Garoufali A, Pissakas G, Pateras C, Apostolikas N, Rigatos G and Yiotis I. Cathepsin-D concentration in tumour cytosols improves the accuracy of prognostic evaluation of primary breast cancer. *Anticancer Res*. 1997; 17: 1405-1410.
375. **Scorilas A**, Yotis I, Stravolemos K, Gouriotis D, Keramopoulos A, Ampela K, Talieri M, Trangas T. c-erbB-2 overexpression may be used as an independent prognostic factor for breast cancer patients. *Anticancer Res*. 1995; 15: 1543-1548.
376. **Scorilas A**, Yotis I, Gouriotis D, Keramopoulos A, Ampela K, Trangas T, Talieri M. Cathepsin-D and c-erbB-2 have an additive prognostic value for breast cancer patients. *Anticancer Res*. 1993; 13: 1895-1900.

Reviews

377. Pilala KM, Panoutsopoulou K, Papadimitriou MA, Soureas K, **Scorilas A**, Avgeris M. Exploring the methyl-verse: Dynamic interplay of epigenome and m6A epitranscriptome. *Mol Ther*. 2025 Feb 5;33(2):447-464.
378. Daneva GN, Tsiakanikas P, Adamopoulos PG, **Scorilas A**. Kallikrein-related peptidases: mechanistic understanding for potential therapeutic targeting in cancer. *Expert Opin Ther Targets*. 2024 Oct;28(10):875-894.
379. Diamantopoulos MA, Adamopoulos PG, **Scorilas A**. Small non-coding RNAs as diagnostic, prognostic and predictive biomarkers of gynecological cancers: an update. *Expert Rev Mol Diagn*. 2024 Nov;24(11):979-995.
380. Tsiakanikas P, Athanasopoulou K, Darioti IA, Agiassoti VT, Theocharis S, **Scorilas A**, Adamopoulos PG. Beyond the Chromosome: Recent Developments in Decoding the Significance of Extrachromosomal Circular DNA (eccDNA) in Human Malignancies. *Life (Basel)*. 2024 Jul 24;14(8):922.
381. Boti MA, Athanasopoulou K, Adamopoulos PG, Sideris DC, **Scorilas A**. Recent Advances in Genome-Engineering Strategies. *Genes (Basel)*. 2023 Jan 2;14(1):129.
382. Adamopoulos PG, Athanasopoulou K, Daneva GN, **Scorilas A**. The Repertoire of RNA Modifications Orchestrates a Plethora of Cellular Responses. *Int J Mol Sci*. 2023 Jan 25;24(3):2387.
383. Athanasopoulou K, Daneva GN, Boti MA, Dimitroulis G, Adamopoulos PG, **Scorilas A**. The Transition from Cancer "omics" to "epi-omics" through Next- and Third-Generation Sequencing. *Life (Basel)*. 2022 Dec 2;12(12):2010.

384. Papadimitriou MA, Panoutsopoulou K, Pilala KM, **Scorilas A**, Avgeris M. Epi-miRNAs: Modern mediators of methylation status in human cancers. *Wiley Interdiscip Rev RNA*. 2022 May 17:e1735.
385. Trougakos IP, Terpos E, Alexopoulos H, Politou M, Paraskevis D, **Scorilas A**, Kastritis E, Andreacos E, Dimopoulos MA. Adverse effects of COVID-19 mRNA vaccines: the spike hypothesis. *Trends Mol Med*. 2022 Jul;28(7):542-554.
386. Athanasopoulou K, Boti MA, Adamopoulos PG, Skourou PC, **Scorilas A**. Third-Generation Sequencing: The Spearhead towards the Radical Transformation of Modern Genomics. *Life (Basel)*. 2021; 12(1):30.
387. Papatsirou M, Artemaki PI, Karousi P, **Scorilas A**, Kontos CK. Circular RNAs: Emerging Regulators of the Major Signaling Pathways Involved in Cancer Progression. *Cancers (Basel)*. 2021; 13(11):2744.
388. Artemaki PI, Letsos PA, Zoupa IC, Katsaraki K, Karousi P, Papageorgiou SG, Pappa V, **Scorilas A**, Kontos CK. The Multifaceted Role and Utility of MicroRNAs in Indolent B-Cell Non-Hodgkin Lymphomas. *Biomedicines*. 2021; 9(4):333.
389. Papanota AM, Karousi P, Kontos CK, Ntanas-Stathopoulos I, **Scorilas A**, Terpos E. Multiple Myeloma Bone Disease: Implication of MicroRNAs in Its Molecular Background. *Int J Mol Sci*. 2021; 22(5):2375.
390. Katsaraki K, Karousi P, Artemaki PI, **Scorilas A**, Pappa V, Kontos CK, Papageorgiou SG. MicroRNAs: Tiny Regulators of Gene Expression with Pivotal Roles in Normal B-Cell Development and B-Cell Chronic Lymphocytic Leukemia. *Cancers (Basel)*. 2021; 13(4):593.
391. Alygizakis N, Markou AN, Rousis NI, Galani A, Avgeris M, Adamopoulos PG, **Scorilas A**, Lianidou ES, Paraskevis D, Tsiodras S, Tsakris A, Dimopoulos MA, Thomaidis NS. Analytical methodologies for the detection of SARS-CoV-2 in wastewater: Protocols and future perspectives. *Trends Analyt Chem*. 2021; 134:116125.
392. Papatsirou M, Artemaki PI, **Scorilas A**, Kontos CK. The role of circular RNAs in therapy resistance of patients with solid tumors. *Per Med*. 2020;17(6):469-490.
393. Artemaki PI, **Scorilas A**, Kontos CK. Circular RNAs: A New Piece in the Colorectal Cancer Puzzle. *Cancers (Basel)*. 2020; 12(9):2464.
394. Tolios A, De Las Rivas J, Hovig E, Trouillas P, **Scorilas A**, Mohr T. Computational approaches in cancer multidrug resistance research: Identification of potential biomarkers, drug targets and drug-target interactions. *Drug Resist Updat*. 2020 Jan; 48:100662.
395. Sarmiento-Ribeiro AB, **Scorilas A**, Gonçalves AC, Efferth T, Trougakos IP. The emergence of drug resistance to targeted cancer therapies: Clinical evidence. *Drug Resist Updat*. 2019 Dec;47:100646.
396. Panoutsopoulou K, Avgeris M, **Scorilas A**. miRNA and long non-coding RNA: molecular function and clinical value in breast and ovarian cancers. *Expert Rev Mol Diagn*. 2018; 18(11):963-979.
397. Adamopoulos PG, Tsiakanikas P, **Scorilas A**. Kallikrein-related peptidases and associated microRNAs as promising prognostic biomarkers in gastrointestinal malignancies. *Biol Chem*. 2018; 399(8):821-836.
398. Avgeris M, **Scorilas A**. Kallikrein-related peptidases (KLKs) as emerging therapeutic targets: focus on prostate cancer and skin pathologies. *Expert Opin Ther Tar*. 2016; 20(7):801-18.

399. Christodoulou MI, Scorilas A. Metformin and anti-cancer therapeutics: hopes for a more enhanced armamentarium against human neoplasias? *Curr Med Chem*. 2016; 24(1):14-56.
400. Kontos CK, Adamopoulos PG, Scorilas A. Prognostic and predictive biomarkers in prostate cancer. *Expert Rev Mol Diagn*. 2015; 15(12):1567-76.
401. Kladi-Skandali A, Michaelidou K, Scorilas A, Mavridis K. Long Noncoding RNAs in Digestive System Malignancies: A Novel Class of Cancer Biomarkers and Therapeutic Targets? *Gastroenterol Res Pract*; 2015:319861.
402. **Scorilas A.**, Mavridis K. Predictions for the future of kallikrein-related peptidases in molecular diagnostics. *Expert Rev Mol Diagn*. 2014; 14(6):713-22.
403. Mavridis K, Avgeris M, **Scorilas A.** Targeting kallikrein-related peptidases in prostate cancer. *Expert Opin Ther Tar*. 2014; 18(4):365-83.
404. Schmitt M, Magdolen V, Yang F, Kiechle M, Bayani J, Yousef GM, **Scorilas A**, Diamandis EP, Dorn J. Emerging clinical importance of the cancer biomarkers kallikrein-related peptidases (KLK) in female and male reproductive organ malignancies. *Radiol Oncol*. 2013; 47(4):319-29.
405. Christodoulou MI, Kontos CK, Halabalaki M, Skaltsounis AL, **Scorilas A.** Nature Promises New Anticancer Agents: Interplay with the Apoptosis-related BCL2 Gene Family. *Anticancer Agents Med Chem*. 2013; 14(3):375-99.
406. Kontos CK, **Scorilas A**, Papavassiliou AG. The role of transcription factors in laboratory medicine. *Clin Chem Lab Med*. 2013; 51(8):1563-71.
407. Kontos CK, Christodoulou MI, **Scorilas A.** Apoptosis-related BCL2-family members: key players in chemotherapy. *Anticancer Agents Med Chem*. 2013; 14(3):353-74.
408. Kontos CK, Mavridis K, Talieri M, **Scorilas A.** Kallikrein-related peptidases (KLKs) in gastrointestinal cancer: Mechanistic and clinical aspects. *Thromb Haemost*. 2013; 110(3):450-7.
409. Kontos CK, **Scorilas A.** Kallikrein-related peptidases (KLKs): a gene family of novel cancer biomarkers. *Clin Chem Lab Med*. 2012; 50(11):1877-91.
410. Avgeris M, Mavridis K, **Scorilas A.** Kallikrein-related peptidases in prostate, breast, and ovarian cancers: from pathobiology to clinical relevance. *Biol Chem*. 2012; 393(5):301-17.
411. Tzifi F, Economopoulou C, Gourgiotis D, Ardavanis A, Papageorgiou S, **Scorilas A.** The Role of BCL2 Family of Apoptosis Regulator Proteins in Acute and Chronic Leukemias. *Adv Hematol*. 2012; 2012:524308.
412. Avgeris M, Mavridis K, **Scorilas A.** Kallikrein-related peptidase genes as promising biomarkers for prognosis and monitoring of human malignancies. *Biol Chem*. 2010; 391(5):505-11.
413. Mavridis K and **Scorilas A.** Prognostic value and biological role of the kallikrein-related peptidases in human malignancies. *Future Oncol*. 2010; 6(2):269-85.
414. Thomadaki H, **Scorilas A.** Molecular profile of the BCL2 family of the apoptosis related genes in breast cancer cells after treatment with cytotoxic/cytostatic drugs. *Connect Tissue Res*. 2008; 49(3):261-4.
415. Thomadaki H and **Scorilas A.** BCL2 Family of apoptosis - related genes: Functions and clinical implications in cancer. *Crit Rev Cl Lab Sci*. 2006; 42:1-67.
416. Lundwall A, Band V, Blaber M, Clements JA, Courty Y, Diamandis EP, Fritz H, Lilja H, Malm J, Maltais LJ, Olsson AY, Petraki C, **Scorilas A**, Sotiropoulou G, Stenman UH, Stephan C, Talieri

M, Yousef GM. A comprehensive nomenclature for serine proteases with homology to tissue kallikreins. *Biol Chem*. 2006; 387(6):637-41.

417. Yousef GM, Obiezu CV, Luo LY, Magklara A, Borgono CA, Kishi T, Memari N, Michael P, Sidiropoulos M, Kurlender L, Economopolou K, Kapadia C, Komatsu N, Petraki C, Elliott M, **Scorilas A**, Katsaros D, Levesque MA, Diamandis EP. Human tissue kallikreins: from gene structure to function and clinical applications. *Adv Clin Chem*. 2005; 39:11-79.
418. **Scorilas A**. Polyadenylate polymerase (PAP) and 3' end pre-mRNA processing: Function, assays and association to disease. *Crit Rev Cl Lab Sci*. 2002; 39:193-224.

Editorials

419. Avgeris M, Marmarinos A, Gourgiotis D, **Scorilas A**. Jagged Ends of Cell-Free DNA: Rebranding Fragmentomics in Modern Liquid Biopsy Diagnostics. *Clin Chem*. 2021; 67(4):576-578.
420. **Scorilas A**, Panoutsopoulou K, Tsiakanikas P. The interplay between miR-1245a and BRCA2 in colorectal cancer. *Ann Transl Med*. 2020 Sep;8(17):1043.
421. Schmitt M, Renné T, **Scorilas A**. The kallikreins: old proteases with new clinical potentials. *Thromb Haemost*. 2013; 110(3):396-8.
422. **Scorilas A**. The effects of anticancer agents on cell apoptosis and on the expression of cancer-related genes. *Anticancer Agents Med Chem*. 2013; 14(3):341-2.
423. **Scorilas A**, Mavridis K, Magdolen V, Fritz H. Highlight: the 4th International Symposium on Kallikreins and Kallikrein-related peptidases. *Biol Chem*. 2012; 393(5):299-300.
424. **Scorilas A**, Mavridis K. Kallikrein-related peptidases (KLKs) as novel potential biomarkers in gastric cancer: An open yet challenging road lies ahead. *J Surg Oncol*. 2012; 105(3):223-4.

B. Original GenBank submissions

I. Genes (Selected, >1000)

1. Kontos CK and **Scorilas A**. Homo sapiens BCL2L12 protein isoform 7 (*BCL2L12*) mRNA, complete cds, alternatively spliced. Accession # HM347053, 2010.
2. Kontos CK and **Scorilas A**. Homo sapiens *BCL2L12P1* pseudogene transcribed RNA, partial sequence. Accession # GQ202621, 2009.
3. Kontos CK and **Scorilas A**. Homo sapiens BCL2L12 variant 9 (*BCL2L12*) RNA, complete sequence, alternatively spliced. Accession # FJ868803, 2009.
4. Kontos CK and **Scorilas A**. Homo sapiens BCL2L12 variant 7 (*BCL2L12*) RNA, complete sequence, alternatively spliced. Accession # FJ868801, 2009.
5. Kontos CK and **Scorilas A**. Homo sapiens BCL2L12 variant 6 (*BCL2L12*) RNA, complete sequence, alternatively spliced. Accession # FJ868800, 2009.
6. Mathioudaki K, Talieri M. and **Scorilas A**. Homo sapiens protein arginine methyltransferase 1 isoform 4 (*HRMT1L2*) mRNA, complete cds, alternatively spliced. Accession # AY775289, 2004.

7. **Scorilas A** and Diamandis EP. Homo sapiens carcinoembryonic antigen-like proteins (*CEAL1*) gene, complete cds, alternatively spliced products. Accession # AF406955, 2003.
8. **Scorilas A** and Diamandis EP. Homo sapiens Bcl-2 related proline-rich protein (*BCL2L12*) gene, complete cds, alternatively spliced. Accession # AF289220, 2001.
9. **Scorilas A** and Katsaros D. Homo sapiens polynucleotide kinase-3'-phosphatase (*PNKP*) gene, complete cds. Accession # AF354258, 2001.
10. **Scorilas A**, Gourgiotis D, Scorila E, Iracleous DP, Katsaros N. Homo sapiens polynucleotide kinase-3'-phosphatase (*PNKP*) gene, promoter sequence and 5'UTR. Accession # AF533307, 2001.
11. **Scorilas A**, Yousef GM and Diamandis EP. Homo sapiens testis-specific kinase substrate (*TSKS*) gene, complete cds. Accession # AF200923, 2001.
12. **Scorilas A**, Black MH and Diamandis EP. Homo sapiens protein arginine N-methyltransferase 1 (*HRMT1L2*) gene, complete cds, alternatively spliced. Accession # AF222689, 2001.
13. **Scorilas A**, Yousef GM and Diamandis EP. Homo sapiens testis-specific kinase substrate (*TSKS*), mRNA. Accession # NM_021733, 2000.
14. **Scorilas A** and Diamandis EP. Homo sapiens ser/arg-rich pre-mRNA splicing factor SR-A1 (*SR-A1*) gene, complete cds. Accession # AF254411, 2000.
15. **Scorilas A** and Katsaros D. Human carnitine acyltransferase like 1 (*CATL1*) gene, alternative splice products, complete cds. #AF331918, 2000.
16. **Scorilas A** and Diamandis EP. Homo sapiens alpha-adaptin A related protein (*AP2A1*) gene, complete cds, alternatively spliced. Accession # AF289221, 2000.
17. Yousef GM, **Scorilas A** and Diamandis EP. Homo sapiens trypsin-like serine protease (*TLSP*) gene, complete cds. Accession # AF164623, 2000.
18. Yousef GM, Magklara A, **Scorilas A**. and Diamandis,E.P. Homo sapiens kallikrein 12 (*KLK11*), mRNA. Accession #NM_006853, 2000.
19. Yousef GM, **Scorilas A** and Diamandis EP. Homo sapiens stratum corneum chymotryptic enzyme gene, complete coding region. Accession # AF166330, 1999.
20. Yousef GM, **Scorilas A** and Diamandis EP. Homo sapiens trypsin-like serine protease (*TLSP*) gene, complete coding region. Accession # AF164623, 1999.

.....

II. Proteins (Selected, >500)

1. Kontos CK and **Scorilas A**. BCL2L12 protein isoform 7. Accession # ADM35972, 2010.
2. Kontos CK and **Scorilas A**. BCL2L12 protein isoform 9. Accession # ACZ28452, 2009.
3. Kontos CK and **Scorilas A**. BCL2L12 protein isoform 8. Accession # ACZ28451, 2009.
4. Kontos CK and **Scorilas A**. BCL2L12 protein isoform 6. Accession # ACZ28450, 2009.
5. Kontos CK and **Scorilas A**. BCL2L12 protein isoform 5. Accession # ACZ28448, 2009.
6. Kontos CK and **Scorilas A**. BCL2L12 protein isoform 2. Accession # ACZ28445, 2009.
7. Kontos CK and **Scorilas A**. BCL2L12 protein isoform 4. Accession # ACZ28444, 2009.

8. Mathioudaki K, Talieri M. and **Scorilas A**. protein arginine methyltransferase 1 isoform 4 Accession # AAV41837, 2004.
9. **Scorilas A** and Diamandis EP. Carcinoembryonic antigen-like protein. Accession # AAP70003, 2003.
10. **Scorilas A** and Diamandis EP. carcinoembryonic antigen-like protein variant 1. Accession # AAP70002, 2003.
11. **Scorilas A** and Diamandis EP. Bcl-2 related proline-rich protein. Accession # AAG29495 2001.
12. **Scorilas A** and Diamandis EP. Bcl-2 related proline-rich protein-1. Accession # AAG29496, 2001.
13. **Scorilas A** and Katsaros D. Polynucleotide kinase-3'-phosphatase. Accession # AAK57340, 2001.
14. **Scorilas A**, Yousef GM and Diamandis EP. Testis-specific kinase substrate. Accession # AAF12819, 2001.
15. **Scorilas A**, Black MH and Diamandis EP. Protein arginine N-methyltransferase 1 (Interferon receptor 1-bound). Accession # Q99873, 2001.
16. **Scorilas A**, Black MH and Diamandis EP. Protein arginine N-methyltransferase 1-variant 1. Accession # AAF62895, 2001.
17. **Scorilas A**, Black MH and Diamandis EP. Protein arginine N-methyltransferase 1-variant 2. Accession # AAF62893, 2001.
18. **Scorilas A**, Black MH and Diamandis EP. Protein arginine N-methyltransferase 1-variant 3. Accession # AAF62894, 2001.
19. **Scorilas A** and Diamandis EP. Alpha-adaptin A related protein. Accession #AAL11040, 2001.
20. **Scorilas A** and Diamandis EP. Alpha-adaptin A related protein 1. Accession #AAL11039, 2001.
21. Yousef GM, **Scorilas A** and Diamandis EP. Kallikrein 7 precursor (Stratum corneum chymotrypsin enzyme; HSCCE). Accession # P49862, 2001.
22. Yousef GM, Magklara A, **Scorilas A** and Diamandis EP. Kallikrein 12 precursor (Kallikrein protein 5; KLK-L5). Accession # Q9UKR0, 2001.
23. **Scorilas A** and Diamandis EP. Ser/arg-rich pre-mRNA splicing factor SR-A1. Accession # AAF87552, 2000.
24. Yousef GM, **Scorilas A** and Diamandis EP. kallikrein 11 precursor (hippostatin) (trypsin-like protease). Accession # Q9UBX7,2000.
25. Yousef GM, **Scorilas A** and Diamandis EP. kallikrein 7 precursor (stratum corneum chymotryptic enzyme) Accession # P49862,2000.
26. Yousef GM, **Scorilas A** and Diamandis EP. Homo sapiens kallikrein 11 (KLK11), mRNA. Accession # NM_006853, 2000.
27. Yousef GM, **Scorilas A** and Diamandis EP. kallikrein 11; protease, serine, trypsin-like; protease, serine, 20. Accession # NP_006844, 2000.
28. Yousef GM, **Scorilas A** and Diamandis EP. Stratum corneum chymotryptic enzyme. Accession # AF166330_1, 2000.
29. Yousef GM, Magklara A, **Scorilas A**. and Diamandis,E.P. kallikrein 12. Accession # NP_062544, 2000.
30. Yousef GM, **Scorilas A** and Diamandis EP. Trypsin-like serine protease. Accession # AAD47815, 1999.

III. Review gene cards

1. Panagiotis G. Adamopoulos, **Scorilas A.** KLK13 (kallikrein-related peptidase 13). Atlas of Genetics and Cytogenetics in Oncology and Haematology. September 2016. URL: <http://AtlasGeneticsOncology.org/Genes/KLK13ID41079ch19q13.html>
2. Panagiotis G. Adamopoulos, **Scorilas A.** KLK9 (kallikrein-related peptidase 9). Atlas of Genetics and Cytogenetics in Oncology and Haematology. September 2016. URL: <http://AtlasGeneticsOncology.org/Genes/KLK9ID47324ch19q13.html>
3. Florou D, **Scorilas A**, Vassilacopoulou D, Fragoulis EG . DDC (dopa decarboxylase (aromatic L-amino acid decarboxylase). Atlas Genet Cytogenet Oncol Haematol. May 2011 .URL : <http://AtlasGeneticsOncology.org/Genes/DDCID50590ch7p12.html>
4. Kontos C, **Scorilas A** . SCAF1 (SR-related CTD-associated factor 1). Atlas Genet Cytogenet Oncol Haematol. March 2010 .
URL : <http://AtlasGeneticsOncology.org/Genes/SCAF1ID46074ch19q13.html>
5. Thomadaki H, **Scorilas A** . BAX (BCL2-associated X protein). Atlas Genet Cytogenet Oncol Haematol. May 2009 .
URL : <http://AtlasGeneticsOncology.org/Genes/BAXID128ch19q13.html>
6. Kontos C, Thomadaki H, **Scorilas A.** BCL2L12 (BCL2-like 12 (proline-rich)). Atlas Genet Cytogenet Oncol Haematol. August 2008.
URL : <http://AtlasGeneticsOncology.org/Genes/BCL2L12ID773ch19q13.html>

C. Abstracts in International Scientific Conferences

1. Pilala KM, Tsiakanikas P, Panoutsopoulou K, Papadimitriou MA, Soureas K, Giagkos G, Levis P, Kotronopoulos G, Kanaki Z, Prassas I, Dimitrakopoulos L, Yousef G, Stravodimos K, Koroneou S, Avgeris M, **Scorilas A.** Unveiling m6A epitranscriptome-related genomic variations in bladder cancer: predictive biomarkers for disease progression and treatment outcome towards tailored therapeutics. Annual Meeting of the American Association for Cancer Research; Abstract nr 3337, Chicago, IL. AACR, 2025.
2. Tsiakanikas P, Pilala KM, Panoutsopoulou K, Papadimitriou MA, Soureas K, Giagkos GC, Kotronopoulos G, Levis P, Stravodimos K, Avgeris M, **Scorilas A.** Genotyping of m6A machinery-related genes in bladder cancer using Next-Generation Sequencing (NGS): A bioinformatics pipeline. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
3. Spathi AE, Soureas K, Papadimitriou MA, Malandrakis P, Liacos CI, Ntanasis-Stathopoulos I, Gavriatopoulou M, Kastritis E, Dimopoulos MA, Terpos E, Avgeris M, **Scorilas A.** Circulating 5'h-tRFVal/AAC as a potent non-invasive indicator in multiple myeloma. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
4. Pasiali E, Panoutsopoulou K, Obermayr E, Mahner S, van Gorp T, Braicu I, Zeillinger R, **Scorilas A**, Avgeris M. Deciphering the clinical and functional significance of N6-methyladenosine demethylase FTO in ovarian cancer. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.

5. Papadimitriou MA, Soureas K, Malandrakis P, Ntanas-Stathopoulos I, Liacos CI, Gavriatopoulou M, Kastitis E, Dimopoulos MA, Terpos E, Avgeris M, **Scorilas A**. Prognostic value of CD138+ GAS5 lncRNA in post-treatment outcome of multiple myeloma. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
6. Panoutsopoulou K, Dreyer T, Dorn J, Obermayr E, Mahner S, van Gorp T, Braicu I, Magdolen V, Zeillinger R, Avgeris M, **Scorilas A**. Non-coding RNAs in ovarian cancer progression and metastasis. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
7. Diamantopoulos MA, Adamopoulos PG, Tsiakanikas P, Nissotakis T, Skourou PC, **Scorilas A**. Unraveling novel mRNA transcripts of the human DNA N-glycosylase 1 (NTHL1) gene with the implementation of an innovative targeted DNA-seq assay. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
8. Athanasopoulou K, Tsiakanikas P, Boti MA, Daneva GN, **Scorilas A**, Adamopoulos PG. Exploring the mRNA demethylation mechanisms in breast cancer through genome engineering and nanopore sequencing approaches. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
9. Adamopoulos PG, Athanasopoulou K, Boti MA, Tsiakanikas P, Daneva GN, **Scorilas A**. Long-read sequencing of native mRNAs decodes the m6A transcriptomic signatures in breast cancer. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
10. Sotiropoulou CD, Kontos CK, Avgeris M, Hatzinikolaou DG, **Scorilas A**. Harnessing the microbial biodiversity of Greece: Development of indigenous starter cultures for yogurt production. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
11. Papatsirou M, **Scorilas A**, Kletsas D, Kontos CK. Utilizing a cutting-edge nanopore sequencing strategy to uncover novel circRNAs from the human PRMT1 gene in breast cancer cell lines. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
12. Boti MA, Athanasopoulou K, Adamopoulos PG, Tsiakanikas P and **Scorilas A**. Transcriptional analysis of BRCA2 gene in gynecological cancers using the cutting-edge nanopore sequencing. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
13. Athanasopoulou K, Adamopoulos PG, Boti MA, Tsiakanikas P and **Scorilas A**. Unraveling the complexity of BRCA1 mRNA splicing through Hybrid-seq approach. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
14. Diamantopoulos MA, Georgoulia K, Levis P, Kotronopoulos G, Stravodimos K, Kontos CK, Avgeris M, **Scorilas A**. 28S rRNA-Derived Fragments Represent an Independent Molecular Predictor of Short-Term Relapse in Prostate Cancer. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
15. Papatsirou, **Scorilas A**, Kontos CK. Expression analysis of circular RNAs (circRNAs) in multiple myeloma cell lines, using a novel experimental approach based on nanopore sequencing.

- 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
16. Soureas K, Papadimitriou MA, Malandrakis P, Papanota AM, Liacos CI, Ntanas-Stathopoulos I, Gavriatopoulou M, Sideris DC, Kastritis E, Dimopoulos MA, **Scorilas A**, Terpos E, Avgeris M. Small RNA-seq and clinical evaluation of tRNA-derived fragments in multiple myeloma. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
 17. Papadimitriou MA, Pilala KM, Giagkos GC, Levis P, Kotronopoulos G, Stravodimos K, **Scorilas A**, Avgeris M. MDM2 copy number alteration in bladder cancer: deciphering its role in disease progression and cisplatin resistance. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
 18. Pilala KM, Tsiakanikas P, Panoutsopoulou K, Papadimitriou MA, Soureas K, Giagkos GC, Kotronopoulos G, Levis P, Stravodimos K, **Scorilas A**, Avgeris M. Genomic alterations in N6-methyladenosine (m6A) mediators as predictive markers for bladder cancer progression. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
 19. Adamopoulos PG, Athanasopoulou K and **Scorilas A**. Recent advances in mRNA epitranscriptomics of breast cancer. 27th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
 20. Bartzoka N, Adamopoulos PG, **Scorilas A**. Determining the transcriptional profile of angiotensin-converting enzyme 2 (ACE2) in human cells using nanopore sequencing. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
 21. Xagorari M, Pilala KM, Panoutsopoulou K, Papadimitriou MA, Dimitroulis G, Levis P, Kotronopoulos G, Giagkos GC, Stravodimos K, **Scorilas A**, Avgeris M. Circulating non-coding small RNAs as minimally invasive tool in bladder cancer progression and outcome. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
 22. Pilala KM, Kotronopoulos G, Levis P, Giagkos GC, Stravodimos K, Vassilacopoulou D, Avgeris M, **Scorilas A**. Cell-free DNA (cfDNA) methylation of MIR145 core promoter: a powerful non-invasive predictor for muscle-invasive bladder cancer progression. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
 23. Papadimitriou MA, Levis P, Kotronopoulos G, Stravodimos K, Avgeris M, **Scorilas A**. Harnessing pre-operative cell-free DNA (cfDNA) levels clinical utility in bladder cancer prognosis. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
 24. Soureas K, Papadimitriou MA, Ntanas-Stathopoulos I, Malandrakis P, Papanota AM, Gavriatopoulou M, Sideris DC, Kastritis E, Dimopoulos MA, Terpos E, **Scorilas A**, Avgeris M. 3'U-tRFHisGTG loss results in poor survival and treatment outcome in multiple myeloma. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
 25. Panoutsopoulou K, Magkou P, Dreyer T, Dorn J, Obermayr E, Mahner S, van Gorp T, Braicu I, Magdolen V, Zeillinger R, Avgeris M, **Scorilas A**. tRNA-derived small RNA 3'U-tRFValCAC stimulates tumor migration and predicts inferior post-treatment outcome in ovarian cancer. 26th

International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.

26. Papadimitriou MA, Pilala KM, Panoutsopoulou K, Levis P, Kotronopoulos G, Kanaki Z, Loules G, Zamanakou M, Sideris DC, Stravodimos K, Klinakis A, **Scorilas A**, Avgeris M. Copy number alteration in cell-free DNA: analysis in bladder cancer PDXs and patients' cohorts. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
27. Boti MA, Adamopoulos PG, **Scorilas A**. Unveiling the transcriptional profile of tumour suppressor PTEN gene in human malignancies through a Hybrid-seq approach. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
28. Diamantopoulos MA, Livanou A, **Scorilas A**. Identification and expression analysis of two novel small non-coding RNAs (sncRNAs) in head and neck cancer specimens using a high-throughput sequencing approach. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
29. Dimitriadou A, Karousi P, Abdelgawad A, Sotiropoulou CD, Artemaki PI, Papageorgiou SG, **Scorilas A**, Batish M, Kontos CK. Nanopore sequencing unveils novel circular transcripts of apoptosis-related genes in human leukemic cells. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
30. Katsaraki K, Kontos CK, Ardavanis G, Tzovaras AA, Sideris DC, Scorilas A. Paving the way to the recognition of the miRNA regulatory potential in breast cancer, upon proteasome inhibition: a comprehensive analysis of miRNA expression profiles. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
31. Karousi P, Gianniou DD, Sarikaki G, Kontos CK, Kostakis IK, Skaltsounis AL, Trougakos IP, **Scorilas A**. Exploring the differential effects of GS32 compound from *Olea europaea* on gene expression and pathway modulation in tumor vs. normal human cells. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
32. Karousi P, Angelis N, Kontos CK, Kostakis IK, Skaltsounis AL, Tsitsilonis OE, **Scorilas A**. Investigating the expression profile of inflammation-related microRNAs in THP-1 cells treated with lipopolysaccharide and *Olea europaea* compounds. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
33. **Scorilas A**. Emerging strategies for discovery of novel cancer biomarkers. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
34. Diamantopoulos MA, Boti MA, Adamopoulos PG, Zafeiriadou A, Galani A, Kostakis M, Markou A, Sideris DC, Avgeris M, Thomaidis NS, **Scorilas A**. Identification of SARS-CoV-2 variants using a high throughput sequencing approach. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
35. Adamopoulos PG, Athanasopoulou K, Boti MA, Tsiakanikas P, **Scorilas A**. Identification of mRNA post-transcriptional modifications through the development of long-read sequencing

approaches. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.

36. Tsiakanikas P, Boti MA, Athanasopoulou K, **Scorilas A**, Adamopoulos PG. Epitranscriptomics: A novel regulatory layer of gene expression in breast cancer. 26th International Conference on Laboratory Medicine and Pathobiology: An Expert forum on Innovation in Clinical and Laboratory Medical Sciences.
37. Katsaraki K, Szot ND, **Scorilas A**, Kontos CK. Novel circular transcripts (circRNAs) of the human *BAX* gene discovered using targeted third-generation sequencing, based on the nanopore technology. 72nd Annual Conference of Biochemistry and Molecular Biology.
38. Stavropoulou PS, Panoutsopoulou K, Xagorari M, Marmarinos A, Kossiva L, Baka M, Doganis D, Servitzoglou M, Tsolia M, **Scorilas A**, Gourgiotis D, Avgeris M. Clinical assessment of m6A RNA methylation machinery in childhood acute lymphoblastic leukemia. 72nd Annual Conference of Biochemistry and Molecular Biology.
39. Parnassa I., Papadimitriou MA, Pilala KM, Panoutsopoulou K, Levis P, Kotronopoulos G, Stravodimos K, Avgeris M, **Scorilas A**. Pre-operative serum miR-205 levels in bladder cancer outcome. 72nd Annual Conference of Biochemistry and Molecular Biology.
40. Kosmeri E., Papadimitriou MA, Soureas K, Papanota AM, Ntanasios-Stathopoulos I, Malandrakis P, Gavriatopoulou M, Kastitis E., Avgeris M, Dimopoulos MA, Terpos E, **Scorilas A**. Prognostic impact of 5'half-Gly^{GCC} tRNA-derived fragment in multiple myeloma outcome and progression. 72nd Annual Conference of Biochemistry and Molecular Biology.
41. Karousi P, Sideris DC, **Scorilas A**, Kontos CK. Overexpression of the tRNA derivative 3'-tRF-Cys^{GCA} in HEK-293 cells leads to downregulation of epigenetic regulators. 72nd Annual Conference of Biochemistry and Molecular Biology.
42. Athanasopoulou K, Adamopoulos PG, Boti MA, Daneva GN, **Scorilas A**. A versatile multiplex nanopore sequencing approach reveals the transcriptional profile of *MAPK1* in multiple human malignancies. 72nd Annual Conference of Biochemistry and Molecular Biology.
43. Christoforakos A, Pilala KM, Xagorari M, Marmarinos A, Kossiva L, Baka M, Doganis D, Servitzoglou M, Tsolia M, Scorilas A, Gourgiotis D, Avgeris M. Methylation imprinting of *MIR125B1* promoter as potential predictor in pediatric acute lymphoblastic leukaemia prognostication. 72nd Annual Conference of Biochemistry and Molecular Biology.
44. Gianniou DD, Sklirou AD, Papadimitriou MA, Pilala KM, Stravodimos K, Avgeris M, Scorilas A, Trougakos IP. Evaluation of miR-101 in bladder cancer prognosis and progression. 72nd Annual Conference of Biochemistry and Molecular Biology.
45. Gianniou DD, Papanagnou ED, Evangelakou Zoi, Kontos CK, Manola MS, **Scorilas A**, Kostakis IK, Skaltsounis AL, Trougakos IP. The emergence of Oleuropein-based compounds as potent anticancer agents. 72nd Annual Conference of Biochemistry and Molecular Biology.
46. Papatsirou M, Kletsas D., **Scorilas A**, Kontos CK. Identification of alternatively spliced, circular transcripts (circRNAs) of the *PRMT1* gene in breast cancer cell lines, using targeted nanopore sequencing. 72nd Annual Conference of Biochemistry and Molecular Biology.
47. Sotiropoulou CD, Kostopoulou I, **Scorilas A**, Kontos CK. The mRNA expression of apoptosis- and autophagy-related genes in prostate cancer cells is modulated upon treatment with bortezomib and carfilzomib. 72nd Annual Conference of Biochemistry and Molecular Biology.

48. Papadimitriou MA, Levis P., Kotronopoulos G., Stravodimos K., Avgeris M., Scorilas A. Prognostic impact of pre-operative cell-free DNA (cfDNA) levels in muscle invasive bladder cancer. 1st International Molecular Biosciences PhD and Postdoc Conference. Seville, Spain.
49. Pilala KM, Papadimitriou MA, Panoutsopoulou K, Barbarigos P, Levis P, Kotronopoulos G, Stravodimos K, **Scorilas A**, Avgeris M. MIR145 core promoter methylation imprinting mediated miR-143/145 cluster's modulation in bladder cancer progression. 1st International Molecular Biosciences PhD and Postdoc Conference. Seville, Spain.
50. Sotiropoulou CD, Katsaraki K, Maragos H, Dokou A, Magou E, Ardavanis A, Kontos CK, **Scorilas A**. Induction of apoptosis in human prostate cancer cells, treated with proteasome inhibitors. International Society for Enzymology Annual Meeting. Αθήνα, Ελλάδα, Δεκέμβριος 2021.
51. Katsaraki K, Ardavanis G, Drizou M, Giasmin EX, Perdikari K, Kontos CK, **Scorilas A**. Breast cancer cells with different genetic background show diverse sensitivity to proteasome inhibitors. International Society for Enzymology Annual Meeting. Αθήνα, Ελλάδα, Δεκέμβριος 2021.
52. Tsiakanikas P, Adam EE, Adamopoulos PG, **Scorilas A**. Identification of novel survivin mRNA transcripts in human malignancies using an innovative targeted high-throughput sequencing approach. International Society for Enzymology Annual Meeting. Αθήνα, Ελλάδα, Δεκέμβριος 2021.
53. Karousi P, Kontos CK, **Scorilas A**. Development of a sensitive, quantitative PCR-based assay for apoptosis-related miRNAs and its application in human cancer cells treated with extracts deriving from Olea Europea. International Society for Enzymology Annual Meeting. Αθήνα, Ελλάδα, Δεκέμβριος 2021.
54. Katsaraki K, **Scorilas A**, Kontos CK. Targeted 3rd-generation sequencing reveals novel circular transcripts of the human BAX gene. International Society for Enzymology Annual Meeting. Αθήνα, Ελλάδα, Δεκέμβριος 2021.
55. Panoutsopoulou K, Magkou P, Dreyer T, Dorn J, Obermayr E, Mahner S, Gorp T, Braicu I, Magdolen V, Zeillinger R, Avgeris M, **Scorilas A**. Clinical and functional assessment of tRNA-derived fragments (tRFs) in ovarian cancer. International Society for Enzymology Annual Meeting. Αθήνα, Ελλάδα, Δεκέμβριος 2021.
56. Athanasopoulou K, Adamopoulos PG, Tsiakanikas P, **Scorilas A**. Transcriptomic profiling of cyclin-dependent kinase 4 (CDK4) in human malignancies through an in-house developed third-generation sequencing approach. International Society for Enzymology Annual Meeting. Αθήνα, Ελλάδα, Δεκέμβριος 2021.
57. Papatsirou M, Kontos CK, **Scorilas A**. Long-read sequencing reveals a wide variety of novel circular RNAs deriving from the human PRMT1 gene. International Society for Enzymology Annual Meeting. Αθήνα, Ελλάδα, Δεκέμβριος 2021.
58. Diamantopoulos MA, Georgoulia KK, **Scorilas A**. Identification and expression analysis of ten novel small non-coding RNAs (sncRNAs) in cancer cells using a high-throughput sequencing approach. International Society for Enzymology Annual Meeting. Αθήνα, Ελλάδα, Δεκέμβριος 2021.
59. Pilala KM, Papadimitriou MA, Panoutsopoulou K, Barbarigos P, Levis P, Kotronopoulos G, Stravodimos K, **Scorilas A**, Avgeris M. Methylation of miR-143/145 gene cluster in predicting bladder cancer progression and treatment outcome. International Society for Enzymology Annual Meeting. Αθήνα, Ελλάδα, Δεκέμβριος 2021.

60. Papadimitriou MA, Pilala KM, Levis P, Kotronopoulos G, Stravodimos K, Avgeris M, **Scorilas A**. CDKN2A loss in circulating cfDNA as a powerful non-invasive predictor of bladder cancer outcome. International Society for Enzymology Annual Meeting. Αθήνα, Ελλάδα, Δεκέμβριος 2021.
61. Karousi P, **Scorilas A**, Kontos CK. BCL2L12 circRNAs: new pieces in the complex transcriptome puzzle, discovered using nanopore sequencing technology. International Society for Enzymology Annual Meeting. Αθήνα, Ελλάδα, Δεκέμβριος 2021.
62. Artemaki PI, Adamopoulos PG, **Scorilas A**, Kontos CK. Transcriptional analysis of BAX-like members of BCL2 family in colorectal cancer cell lines, using targeted 3rd generation sequencing. International Society for Enzymology Annual Meeting. Αθήνα, Ελλάδα, Δεκέμβριος 2021.
63. Boti MA, Adamopoulos PG, Tsiakanikas P. and **Scorilas A**. Long-read sequencing reveals the splicing pattern of the epithelial cell-specific transcription factor (Elf-3) in multiple human cancers. International Society for Enzymology Annual Meeting. Αθήνα, Ελλάδα, Δεκέμβριος 2021.
64. Adamopoulos PG, Kontos CK, Tsiakanikas P, Diamantopoulos MA, **Scorilas A**. Identification and Molecular Cloning of Novel Kallikrein Gene Isoforms and their Targeting Non-Coding RNAs in Cancer Cells. 70th Annual Conference Hellenic Society of Biochemistry and Molecular Biology (HSBMB), Αθήνα, Ελλάδα, Νοέμβριος-Δεκέμβριος 2019.
65. Tsiakanikas P, Morrou M, Karousi P, Adamopoulos PG, Panoutsopoulou K, Kontos CK, **Scorilas A**. Identification and study of alternative 3'-untranslated regions (3'-UTRs) of kallikrein-related peptidase (KLK) gene family members using next-generation sequencing (NGS). 8th International Symposium on Kallikreins and Kallikrein-Related Peptidases. Πράγα, Τσεχία, Σεπτέμβριος 2019.
66. Morrou M, Karousi P, Adamopoulos PG, Tsiakanikas P, **Scorilas A**, Kontos CK. Alternative 3'-untranslated regions (3'-UTRs) in messenger RNAs of kallikrein-related peptidase (KLK) family members result from alternative splicing of KLK pre-mRNAs, as revealed by next-generation sequencing. 4th Symposium, Advances in Cancer Immunology and Immunotherapy. Athens, Greece, November-December 2018.
67. Karousi P, Kamouza E, Diamantopoulos MA, Tsiakanikas P, Kontos CK, Papageorgiou SG, **Scorilas A**, Pappa V. A novel tRNA fragment as a molecular biomarker of poor prognosis in B-cell chronic lymphocytic leukemia. 4th Symposium, Advances in Cancer Immunology and Immunotherapy. Athens, Greece, November-December 2018.
68. Liosi A, Kalioraki M, Sklirou AD, Cheimonidi C, Kontos CK, **Scorilas A**, Trougakos IP. Overexpression of the molecular chaperone Clusterin (CLU) and heat-shock protein beta-3 (HSPB3) mRNAs predicts colorectal cancer patients' relapse. 4th Symposium, Advances in Cancer Immunology and Immunotherapy. Athens, Greece, November-December 2018.
69. Tsiakanikas P, Kontos CK, Avgeris M, Diamantopoulos MA, **Scorilas A**. MicroRNA-15a, a novel molecular biomarker in colorectal cancer, predicting patients' relapse. 4th Symposium, Advances in Cancer Immunology and Immunotherapy. Athens, Greece, November-December 2018.
70. Artemaki PI, Tsilikas NV, Rapti SM, Adamopoulos PG, **Scorilas A**, Kontos CK. Alternative splicing of the BCL2 family members produces new apoptosis-related protein isoforms with distinct combinations of BCL2-homology (BH) motifs. 4th Symposium, Advances in Cancer Immunology and Immunotherapy. Athens, Greece, November-December 2018.

71. Boti MA, Papatsirou M, Tsiakanikas P, Adamopoulos PG, **Scorilas A**, Vassilacopoulou D, Kontos CK. Identification of new alternative splicing events resulting in novel splice variants of the human L-DOPA decarboxylase (DDC) gene in cancer cells, using next-generation sequencing technology. 4th Symposium, Advances in Cancer Immunology and Immunotherapy. Athens, Greece, November-December 2018.
72. Papachristopoulou G, Tsitsiou S, Koufopoulos N, Sofopoulos M, Pigadioti E, Arnogiannaki N, **Scorilas A**. A comprehensive clinicopathological evaluation of the onco-suppressor microRNA-195 expression among breast tumours. 30th European Congress of Pathology, Pathology: Path to Precision medicine. Bilbao, Spain, September 2018.
73. G. Koutsodontis, M. Avgeris, I. Kotsantis, P. Economopoulou, C. Kroupis L. Hoxhallari, O. Tsavaris, C. Avgerinou, N. Spathas, I. Pateras, S. Rizou V. Gorgoulis, **Scorilas A**, E. Lianidou, A. Psyrri. HPV-E6/7 oncogene-expressing circulating tumor cells in oropharyngeal squamous cell cancers. 2nd International Symposium on Tumor-Host Interaction in Head and Neck Cancer, 3rd International Symposium on HPV Infection in Head and Neck Cancer, Essen, Germany.
74. Tsikrika FD, Avgeris M, Levis P, Stravodimos K, **Scorilas A**. The clinical utility of mir-125B and mir-221/222 for bladder cancer prognosis and patients' survival outcome following treatment. EuroMedLab 2017, Athens, Greece 2017.
75. Kontos CK, Kerimis D, Diamantopoulos IM, Papadopoulos IN, **Scorilas A**. High tissue levels of mir-15A-5P: A novel potential biomarker of recurrence in colorectal adenocarcinoma. EuroMedLab 2017, Athens, Greece 2017.
76. Kontos CK, Tsiakanikas P, Christodoulou P, Papadopoulos IN, **Scorilas A**. MicroRNA24-3p overexpression predicts relapse and poor overall survival of colorectal adenocarcinoma patients, independently of other established prognosticators. EuroMedLab 2017, Athens, Greece 2017.
77. Avgeris M, Tokas T, Stravodimos K, **Scorilas A**. The loss of NP63 expression predicts the short-term relapse and progression of bladder cancer and patients' outcome following treatment. EuroMedLab 2017, Athens, Greece 2017.
78. Adamopoulos PG, Kontos CK, Ardavanis G, **Scorilas A**. Discovery of novel transcripts of the Kallikrein-related peptidase (KLK) family with potential utility as cancer biomarkers, using Next-Generation sequencing. EuroMedLab 2017, Athens, Greece 2017.
79. Raptis G, Adamopoulos PG, Kontos CK and **Scorilas A**. Discovery of novel transcripts of the SCAF1 gene in human cancer cells, using next-generation sequencing technology. International Society for Enzymology Annual Meeting, Santorini, Greece 2017.
80. Tsiakanikas P, Kontos CK, Diamantopoulos IM, Christodoulou S, Papadopoulos IN, **Scorilas A**. Elevated tissue levels of miRNA-28-5p predict short-term relapse and poor overall survival of patients with colorectal adenocarcinoma. International Society for Enzymology Annual Meeting, Santorini, Greece 2017.
81. Papachristopoulou G, Nonni A, Lazaris AC, **Scorilas A**. Expressional status of the tumor-suppressor miR-195 in lobular, ductal and benign breast tumors: a new potential biomarker in the molecular subtyping and the prognosis of breast adenocarcinomas. International Society for Enzymology Annual Meeting, Santorini, Greece 2017.
82. Kladi-Skandali A, Ardavanis G, **Scorilas A**. BCL2L12: A multiple spliced gene with a significant potential as biomarker in breast cancer. International Society for Enzymology Annual Meeting, Santorini, Greece 2017.

83. Adamopoulos PG, Kontos CK and **Scorilas A**. Molecular cloning of novel alternatively spliced transcripts of human kallikrein-related peptidase 10 (KLK10) using next-generation sequencing. International Society for Enzymology Annual Meeting, Santorini, Greece 2017.
84. Avgeris M and **Scorilas A**. Clinical utility of small and long non-coding RNAs in bladder cancer. International Society for Enzymology Annual Meeting, Santorini, Greece 2017.
85. Adamopoulos PG, Kontos CK and **Scorilas A**. Molecular cloning of novel transcripts of human kallikrein-related peptidases 5, 6, 7, 8 and 9 (KLK5 – KLK9), using Next-generation sequencing. 7th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2017), Tours, France 2017.
86. Avgeris M, Tsikrika FD, Levis PK, Stravodimos K, **Scorilas A**. Study and clinical evaluation of kallikrein-related peptidases targeting miRNAs in urologic cancers. 7th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2017), Tours, France 2017.
87. Papachristopoulou G, Tsapralis N, Michaelidou K, Missigis I, Griniatsos I, **Scorilas A** and Talieri M. Human kallikrein-related peptidase 12 (klk12) splice variants discriminate benign from cancerous breast tissues. 7th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2017), Tours, France 2017.
88. Avgeris M, Kladi-Skandali A, Ghikas D, Gaitis F, Beletsiotis E, Kalantzi K, and **Scorilas A**. Development and evaluation of novel PCR assays for the sensitive, rapid and accurate detection of *Salmonella spp.*, *L. monocytogenes*, *E. Coli* O157:H7 and *G. stearothermofillus* in pasteurized milk and fresh juice products. 5th World Congress on Biotechnology, Valencia, Spain.
89. Papachristopoulou G, Nonni A, Arnogiannaki N, **Scorilas A**. Downregulation of miR365 correlates with Ductal and Triple Negative Breast Carcinomas. International Society for Enzymology Annual Meeting, Syros, Greece 2016.
90. Kontos CK, Kladi-Skandali A, Tzovaras A, Theochari M, Kaltsas S, Gkeka D, Altanis C, Dokou A, Stamatopoulou S, Ardavanis A, **Scorilas A**. Study of alterations in the expression of cancer related genes in tumor cells, in response to their treatment with chemotherapeutic drugs. International Society for Enzymology Annual Meeting, Syros, Greece 2016.
91. Tsilimantou A, Avgeris M, Levis P, Stravodimos K, **Scorilas A**. Long noncoding RNAs (lncRNAs) as promising novel prognostic predictors for bladder cancer: clinical evaluation of GAS5, H19 and UCA1 for patients' outcome. International Society for Enzymology Annual Meeting, Syros, Greece 2016.
92. Tsikrika F, Avgeris M, Levis P, Stravodimos K, **Scorilas A**. Expression analysis of miR125b, miR221 and miR222 in bladder cancer: evaluation of their clinical significance for disease prognosis and patients' survival following treatment. International Society for Enzymology Annual Meeting, Syros, Greece 2016.
93. Avgeris M, Adamopoulos PG, Kladi-Skandali A, Gaitis F, Kavouras I, **Scorilas A**. Detection of milk's origin in raw materials and PDO products of the dairy industry using novel molecular PCR assays. International Society for Enzymology Annual Meeting, Syros, Greece 2016.
94. Kourtis A, Adamopoulos PG, Babis GC, Iliopoulos D, **Scorilas A**. Expression analysis of the apoptotic genes BCL2, BAX and BCL2L12 in an experimental animal model of osteoarthritis. International Society for Enzymology Annual Meeting, Syros, Greece 2016.
95. Klettas D, Kontos CK, Toutouzas K, Ageli C, Katsargyris A, Klonaris C, **Scorilas A**. Expression analysis of KLK4, KLK9 and KLK10 in human carotid atherosclerotic lesions. International Society for Enzymology Annual Meeting, Syros, Greece 2016.

96. Ioannis-Marios A. Diamantopoulos, Adamopoulos PG, Kontos CK, **Scorilas A.** Molecular cloning of novel alternative transcripts of adaptor related protein complex 2 alpha 1 subunit (AP2A1) in human cancer cells, using next- generation sequencing. International Society for Enzymology Annual Meeting, Syros, Greece 2016.
97. Avgeris M and **Scorilas A.** Non-coding RNAs as novel biomarkers in urological cancers. International Society for Enzymology Annual Meeting, Syros, Greece 2016.
98. Kladi-Skandali A and **Scorilas A.** miRNAs as novel biomarkers in Breast Cancer. International Society for Enzymology Annual Meeting, Syros, Greece 2016.
99. Adamopoulos PG, Kontos CK, **Scorilas A.** Identification of novel alternative splice variants of the Kallikrein genes in human cancer cells using next- generation sequencing analysis. International Society for Enzymology Annual Meeting, Syros, Greece 2016.
100. Kontos CK and **Scorilas A.** Identification and characterization of novel cancer- related transcripts using next-generation sequencing (NGS). International Society for Enzymology Annual Meeting, Syros, Greece 2016.
101. Kokkinopoulou IK, Christodoulou MI, Avgeris M, Bouta E, Maratou E, Mitrou P, **Scorilas A**, Raptis SA, Fragoulis EG. Expression levels of 28 type 2 diabetes mellitus-related genes in peripheral blood: correlation with certain laboratory and clinical features of the disease. 66th Congress of the Hellenic society of Biochemistry and Molecular Biology. Athens, Greece 2016
102. Christodoulou MI, Avgeris M, Kokkinopoulou IK, Maratou E, Mitrou P, Kontos CK, Pappas M, Boutati E, **Scorilas A**, Raptis SA, Fragoulis EG. Investigation of the peripheral blood gene expression signature in patients with type-2 diabetes mellitus, using mRNA next generation sequencing. 41st FEBS Congress. Ephesus, Turkey 2016.
103. Kladi-Skandali A, Mavridis K, Kontos CK, Sideris DC and **Scorilas A.** Investigation of the effect of chemotherapeutic drugs on the multiple expression levels of the KLKs, DDC, RNASEK and BCL2L12 genes in human breast and prostate cancer cells. New promising indicators for predicting chemotherapy response. 8th Euro Global Summit on Cancer Therapy, Valencia, Spain 2015.
104. Papachristopoulou G, Papadopoulos EI, Rassidakis GZ, **Scorilas A.** miR-29b is a highly promising molecular marker for breast cancer progression. 40th FEBS Congress, Berlin, Germany, 2015.
105. Christodoulou MI, Avgeris M, Kokkinopoulou IK, Boutati E, Maratou E, Mitrou P, **Scorilas A**, Raptis SA, Fragoulis EG. Study of the expression of 28 diabetes-related genes in peripheral blood: indications for clinical significance in type 2 diabetes mellitus (T2DM). 40th FEBS Congress, Berlin, Germany, 2015.
106. Tounta DS, Maratou E, **Scorilas A**, Fragoulis EG, Christodoulou MI. L-Dopa decarboxylase (DDC) mRNA expression: implication in insulin-signaling in human b-pancreatic cells. 40th FEBS Congress, Berlin, Germany, 2015.
107. Papachristopoulou G, Rassidakis GZ, **Scorilas A.** MicroRNA 29b (miR- 29b) expressional status contributes significantly in the staging of primary breast carcinomas. International Society of Enzymology Annual Conference, Corfu, Greece 2015.
108. Avgeris M, Adamopoulos PG, Gaitis F, Kavouras I, **Scorilas A.** Development and evaluation of a novel real- time PCR method for the identification of the origin of the milk in raw materials and PDO products of the dairy industry. International Society of Enzymology Annual Conference, Corfu, Greece 2015.

109. Tsiakanikas P, Adamopoulos PG, Kontos CK and **Scorilas A**. Molecular cloning of new BCL2L12 transcript variants resulting from alternative splicing, using next generation sequencing (NGS). International Society of Enzymology Annual Conference, Corfu, Greece 2015.
110. Kladi-Skandali A, Ardavanis A, **Scorilas A**. BCL2L12: A highly complex gene locus with possible clinical utility in breast cancer. International Society of Enzymology Annual Conference, Corfu, Greece 2015.
111. Haritos C, Michaelidou K, Missitzis I, Ardavanis A and **Scorilas A**. KLK6 mRNA expression analysis in breast cancer: evaluation of its clinical significance. International Society of Enzymology Annual Conference, Corfu, Greece 2015.
112. Mavridis K., Gueugnon F., Petit-Courty A., Courty Y., and **Scorilas A**. *CEACAM19*, the latest member of the CEACAM family of cancer-related cell adhesion molecules, represents a novel biomarker for lung cancer prognosis. FEBS-EMBO 2014, Paris, France, FEBS Journal 281 (Suppl. 1) (2014) pp442-443, 2014.
113. Avgeris M, Tokas T, Stravodimos K, Fragoulis EG, **Scorilas A**. Uncovering the dual clinical value of miR-143/145 cluster in bladder cancer epithelium and patients survival outcome, FEBS Journal 281 (Suppl. 1) (2014) pp275-276, 2014.
114. Christodoulou MI, Samara P, Tsitsilonis O, Fragoulis EG, **Scorilas A**. Evidence for anti-proliferative properties of the anti-diabetic agent 1,1-dimethylbiguanide hydrochloride (metformin) on human ovarian cancer cells. FEBS-EMBO 2014, Paris, France, FEBS Journal 281 (Suppl. 1) (2014) pp 463-464, 2014.
115. Mavridis K., Michaelidou K., Welk A., Schmitt M., **Scorilas A**. Identification of miRNAs as novel biomarkers in the decision-making process for ovarian cancer management. Proc. International Conference Tumour biomarkers: From discovery to clinical applications, Anavyssos, Greece, 2014.
116. Michaelidou K., Mavridis K., Kladi-Skandali A, Ardavanis A, **Scorilas A**. mRNA expression analysis of the tumor-related genes KLK6, KLK8 and KLK11 reveals their potential as prognostic biomarkers for breast cancer. Proc. International Conference Tumour biomarkers: From discovery to clinical applications, Anavyssos, Greece, 2014.
117. Kyriakou IK, Mavridis K, Kalogianni DP, Ioannou PC, Christopoulos TK, **Scorilas A**. Development Of Ultrasensitive Molecular Methodology For The Identification And Evaluation Of New Molecular Markers For The Early Diagnosis, Prognosis And Monitoring Response To Therapy, Of Patients With Breast And Prostate Cancer. Proc XVI International Symposium of Luminescence Spectrometry, ISLS 2014, Rhodes, Greece, 2014
118. Kontos CK, **Scorilas A**. The use of next generation sequencing in biomarker discovery. Proc. International Conference Tumour biomarkers: From discovery to clinical applications, Anavyssos, Greece, 2014.
119. Avgeris M, Tokas T, Stravodimos K, Fragoulis EG, **Scorilas A**. Clinical significance of the tumor-suppressor miR-143/145 cluster in bladder cancer. Proc. International Conference Tumour biomarkers: From discovery to clinical applications, Anavyssos, Greece, 2014.
120. Pavlovic S, Tosic N, **Scorilas A**. Molecular biomarkers in acute myeloid leukemia and chronic lymphocytic leukemia. Proc. International Conference Tumour biomarkers: From discovery to clinical applications, Anavyssos, Greece, 2014.

121. Adamopoulos PG, Kontos CK, Papageorgiou SG, Pappa V, and **Scorilas A**. KLKB1 mRNA overexpression possesses significant discriminatory value in chronic lymphocytic leukemia. Proc. International Conference Tumour biomarkers: From discovery to clinical applications, Anavyssos, Greece, 2014.
122. Christodoulou MI, Samara P, Tsitsilonis O, Fragoulis EG, **Scorilas A**. The anti-diabetic agent 1,1-dimethylbiguanide hydrochloride (metformin) exerts anti-proliferative effect on human ovarian cancer cells. Proc. International Conference Tumour biomarkers: From discovery to clinical applications, Anavyssos, Greece, 2014.
123. Papachristopoulou G, Papadopoulos EI, Ardavanis A, **Scorilas A**. Upregulated miR-331 expression discriminates malignant from benign tumors: a promising indicator for differential diagnosis in breast cancer. Proc. International Conference Tumour biomarkers: From discovery to clinical applications, Anavyssos, Greece, 2014.
124. Pavlopoulou A, **Scorilas A**. Molecular evolution and structural analysis of the carcinoembryonic antigen (CEA) family. Proc. International Conference Tumour biomarkers: From discovery to clinical applications, Anavyssos, Greece, 2014.
125. Skourti E, Logotheti S, Kontos CK, Trougakos IP, Michalopoulos I, **Scorilas A**, Zoumpourlis V. The functional role of miR-200 family miRNAs and miR-205 in the progression of the mouse skin carcinogenesis through downregulating specific oncogenes. Proc. International Conference Tumour biomarkers: From discovery to clinical applications, Anavyssos, Greece, 2014.
126. Stamati L, Avgeris M, Kosmidis H, Baka M, Anastasiou T, Piatopoulou D, **Scorilas A**, Gourgiotis D. BCL2 and BAX expression as a novel predictor of childhood ALL patients' poor response to BFM treatment and early relapse. Proc. International Conference Tumour biomarkers: From discovery to clinical applications, Anavyssos, Greece, 2014.
127. Vasileiadou G, Avgeris M, Tokas T, Stravodimos K, **Scorilas A**. miR-193a-5p expression is deregulated in bladder tumors and serves as a novel tumor marker for the prediction of patients prognosis following treatment. Proc. International Conference Tumour biomarkers: From discovery to clinical applications, Anavyssos, Greece, 2014.
128. Zervakis G, Avgeris M, Tokas T, Stravodimos K, **Scorilas A**. Analysis of miR-1 expression in bladder cancer epithelium and assessment of its clinical value for the prediction of disease prognosis and patients' survival. Proc. International Conference Tumour biomarkers: From discovery to clinical applications, Anavyssos, Greece, 2014.
129. **Scorilas A**. Non-coding small RNAs as biological tumor markers. Proc. International Society of Enzymology Meeting (ISE 2014) , Kos, Greece, 2014.
130. Adamopoulos PG, Kontos CK, and **Scorilas A**. Discovery of novel splice variants of the human carcinoembryonic antigen-related cell adhesion molecule 19 (CEACAM19) gene in cancer and leukemic cell lines, using next-generation (semi-conductor) sequencing. Proc. International Society of Enzymology Meeting (ISE 2014), Kos, Greece, 2014.
131. Avgeris M, Kladi-Skandali A, Ghikas D, Beletsiotis E, Kalantzi K, Gaitis F, **Scorilas A**. Novel molecular assays for the sensitive and simultaneously detection of pathogens Salmonella spp., L. monocytogenes, E. coli O157:H7, G. stearotheophilus and their quality control. Proc. International Society of Enzymology Meeting (ISE 2014) , Kos, Greece, 2014
132. Christodoulou MI, Maratou E, Pantoleon G, Zorba C, **Scorilas A**, Fragoulis EG. Study of the expression pattern of L-Dopa decarboxylase (DDC) in human β -pancreatic cells: indications of

- involvement in the insulin-biosynthesis pathway. Proc. International Society of Enzymology Meeting (ISE 2014), Kos, Greece, 2014.
133. Kladi-Skandali A, Ardavanis A, **Scorilas A**, Sideris DC. Overexpression of RNase κ is associated with markers of favorable prognosis in breast cancer. Proc. International Society of Enzymology Meeting (ISE 2014), Kos, Greece, 2014.
 134. Papachristopoulou G, Florou D, Talieri M, **Scorilas A**. Breast cancer cells exposed to the anti-tumor effect of epirubicin, docetaxel or methotrexate distinctively modify the expression of BCL-2 family members as revealed by Real-time PCR and immunocytochemical analyses. Proc. International Society of Enzymology Meeting (ISE 2014), Kos, Greece, 2014.
 135. Michaelidou K., Mavridis K., Haritos C., Ardavanis A, **Scorilas A**. KLK8 mRNA expression analysis in breast cancer: evaluation of its clinical significance. Proc. International Society of Enzymology Meeting (ISE), Kos, Greece, 2014.
 136. Mavridis K., Stravodimos K, **Scorilas A**. The miR-224-KLK15 axis in prostate tumors: Deregulation and prognostic significance. Proc, 64th Congress of the Hellenic Society of Biochemistry and Molecular Biology, pp17, Athens, Greece, 2013.
 137. Adamopoulos PG, Kontos CK, Alexopoulou DK., Rapti SM., Papadopoulos IN, **Scorilas A**. Expression of miR-224, a novel molecular tissue biomarker predicting short-term relapse and poor overall survival in colorectal adenocarcinoma patients, is negatively correlated with mRNA levels of kallikrein-related peptidases 6 and 10. Proc, 64th Congress of the Hellenic Society of Biochemistry and Molecular Biology, pp48, Athens, Greece, 2013.
 138. **Scorilas A**. Prediction Of Prostate and Bladder Cancer Risk Based on KLK Gene-Targeted MicroRNAs. Proc. 5th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2013), pp24, Toronto, Canada, 2013.
 139. Michaelidou K., Kladi-Skandali A, Haritos C., Stamatopoulou S., Misitzis I., Ardavanis A. and **Scorilas A**. KLK8 mRNA Expression Analysis in Breast Cancer: Downregulation In Cancerous Tissues and In Metastatic Disease 5th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2013), pp28-29, Toronto, Canada, 2013.
 140. Mavridis K., Stravodimos K, **Scorilas A**. microRNA 224: A Klk-Targeting mirna with Deregulated Expression and Promising Prognostic Value in Prostate Cancer. Proc. 5th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2013), pp46, Toronto, Canada, 2013.
 141. Avgeris M, Mavridis K., Stravodimos K, **Scorilas A**. Downregulation of the KLK2- and KLK4-targeting miR-378a predicts short term relapse of prostate cancer patients. Proc. 5th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2013), pp50, Toronto, Canada, 2013.
 142. Rapti SM, Kontos CK, Christodoulou S, Papadopoulos IN, **Scorilas A**. miR-96: A Novel Molecular Tissue Biomarker Predicting Unfavorable Outcome In Colorectal Cancer Patients. Proc. 5th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2013), pp45, Toronto, Canada, 2013.
 143. Kontos CK, Rapti SM, Christodoulou S, Papadopoulos IN, **Scorilas A**. miR-34a Overexpression is a strong indicator of Unfavorable Survival Outcome In Colon Cancer Patients. Proc. 5th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2013), pp45, Toronto, Canada, 2013.

144. Alexopoulou DK, Kontos CK, Christodoulou S, Papadopoulos IN, **Scorilas A.** Kallikrein-Related Peptidase 11 (KLK11) mRNA expression Predicts Short-Term Relapse And Poor Overall Survival In Colorectal Cancer Patients. Proc. 5th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2013), pp29, Toronto, Canada, 2013.
145. Adamopoulos PG, Kontos CK, Rapti SM, Christodoulou S, Papadopoulos IN, **Scorilas A.** Enhanced miR-224 Transcription Predicts Short-Term Relapse and Poor Overall Survival In Colorectal Adenocarcinoma Patients. Proc. 5th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2013), pp43, Toronto, Canada, 2013.
146. Foteinou E., Kontos CK, Yiotakis AI, Yiotakis I., **Scorilas A.** Kallikrein-Related Peptidase 4 (KLK4) mRNA Expression: An Independent Favorable Prognosticator Of Head And Neck Squamous Cell Carcinoma Patients' Disease-Free Survival. Proc. 5th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2013), pp44, Toronto, Canada, 2013.
147. Kontos CK, Alexopoulou DK, Christodoulou S, Papadopoulos IN, **Scorilas A.** Kallikrein-Related Peptidase 6 (KLK6) mRNA Expression: An Independent Unfavorable Prognosticator In Colon Cancer. 5th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2013), pp44, Toronto, Canada, 2013.
148. **Scorilas A.** Identification of novel biomarkers for breast Cancer and tumors of the female reproductive tract. Breast Cancer and tumors of the female reproductive tract meeting, Athens, December 2013.
149. Foteinou E., Kontos CK, Yiotakis AI., Yiotakis I., **Scorilas A.** Kallikrein-related peptidase 4 (KLK4) mRNA predicts short-term relapse in head and neck squamous cell carcinoma patients. Ageing and Cancer cell biology: Convergent and divergent molecular mechanisms, Athens, 2013.
150. Kontos CK, Christodoulou MI, Fragoulis EG, **Scorilas A.** Quantification and study of the L-DOPA decarboxylase (DDC) mRNA expression in human colorectal adenocarcinoma cells treated with chemotherapeutic drugs. Ageing and Cancer cell biology: Convergent and divergent molecular mechanisms, Athens, 2013.
151. Kontos CK, Daskalaki S., Talieri M., **Scorilas A.** Molecular profile of key apoptosis-related BCL2-family genes including BCL2L12 in colorectal adenocarcinoma cells after treatment with chemotherapeutic agents. Ageing and Cancer cell biology: Convergent and divergent molecular mechanisms, Athens, 2013.
152. Rapti SM., Kontos CK, Christodoulou S., Papadopoulos IN, and **Scorilas A.** miR-34a, miR-96 and miR-182: novel molecular biomarkers with strong potential for the prediction of short-term relapse and overall survival in colorectal adenocarcinoma. Ageing and Cancer cell biology: Convergent and divergent molecular mechanisms, Athens, 2013.
153. Skourti E., Logotheti S., Galtsidis S., Kritikos A., Xipolita M., Kontos CK, **Scorilas A.**, Trougakovs IP. and Zoumpourlis V. Implication Of Mir-200 Family Mirnas And Mir-3069 In The Progression Of Mouse Skin Carcinogenesis. Ageing and Cancer cell biology: Convergent and divergent molecular mechanisms, Athens, 2013.
154. Michaelidou K, Avgeris M, **Scorilas A** and Fragoulis EG. L-DOPA decarboxylase (DDC) upregulation correlates with aggressive breast and prostate tumors, representing a novel biomarker for the accurate prognosis of breast and prostate cancer patients' outcome 38th FEBS congress, Saint Petersburg, Russia, July, 2013, *FEBS Journal* 280 (Suppl. 1) (2013) 3–617, pp 323, 2013.

155. Kladi-Skandali A, Kontos CK, Tzovaras A, Talieri M, Missitzis I, Ardavanis A, **Scorilas A**. Expression of the BCL2-like 12 (BCL2L12) gene is associated with prolonged survival of breast adenocarcinoma patients, AACR proceedings, Abstract Number: LB-72, Washington, USA, 2013.
156. Mavridis K., Stravodimos K, **Scorilas A**. Quantitative analysis and evaluation of KLK15 classical mRNA transcript levels as a biomarker of disease progression in prostate cancer. *Proc Advances in Circulating Tumour Cells (ACTC 2012)*, P32, pp110, Athens, September 2012.
157. Kontos CK, Mavridis K and **Scorilas A**. Quantitative Expression Analysis And Study Of BCL2L12 And Other Members Of The BCL2 Apoptosis-Related Gene Family, As Promising Biomarkers For Monitoring Of Prostate And Colon Cancer Cellular Response To Chemotherapy. *Proc 22nd ETRS meeting*, pp 72, 4-5 October 2012, Athens, Greece, 2012.
158. Kontos CK, Thomadaki H., Mavridis K., Ardavanis A, and **Scorilas A**. Identification and molecular cloning of novel splicing variants of BCL2L12, a new member of the BCL2 family, and their expression analysis in breast, prostate, and colon cancer cells. *Proc. of the 103rd Annual Meeting of the American Association for Cancer Research*; Cancer Res 2012;72(8 Suppl): Abstract nr 2006, Chicago, IL. Philadelphia (PA): AACR; Mar 31-Apr 4, 2012.
159. Papachristopoulou G., Florou D. and **Scorilas A**. Treatment of BT-20 cells with anticancer agents revealed alterations in the expression pattern of the apoptosis-related genes BAX, BCL2 and BCL2L12: new promising indicators for predicting chemotherapy response in breast cancer. P04-82. *Proc FEBS 2012, Seville, Spain, 2012 & FEBS Journal 279 (Suppl. 1) 52–576, pp 110, 2012*.
160. Michaelidou K., Ardavanis A, Fragoulis EG and **Scorilas A**. Quantitative analysis and study of the mRNA expression of L-Dopa decarboxylase gene (DDC) in breast cancer. P28-9 *Proc FEBS 2012, Seville, Spain, 2012 & FEBS Journal 279 (Suppl. 1) 600–608, pp 602, 2012*.
161. Mavridis K., Avgeris M., Stravodimos K. and **Scorilas A**. Expression analysis of miR-145 and miR-224 in prostate cancer: differential diagnostic and prognostic significance. P28-10, P28-9 *Proc FEBS 2012, Seville, Spain, 2012 & FEBS Journal 279 (Suppl. 1) 600–608, pp 602-603, 2012*.
162. Kontos CK, Chantzis D., Papadopoulos IN, **Scorilas A**. Kallikrein-related peptidase 4 (KLK4) mRNA expression: a novel molecular tissue biomarker for the prediction of short-term relapse in colorectal adenocarcinoma. C-25, *Proc AACCC 2012 & Clinical Chemistry, Vol. 58, No. 10, Supplement, pp A99, 2012(Awarded Poster)*.
163. Avgeris M., Stravodimos K., Fragoulis EG, **Scorilas A**. miR-145 And Its Target, L-Dopa Decarboxylase (DDC), Are Promising Prognostic Biomarkers For The Disease-Free Survival of Prostate Cancer Patients C-27. *Proc AACCC 2012 & Clinical Chemistry, Vol. 58, No. 10, Supplement, pp A100, 2012(Awarded Poster)*.
164. Devetzi M, Talieri M, Trangas T., **Scorilas A**, Poulakis A., Basioukas S., Kypraios D, Xynopoulos D. Clinical impact of human kallikrein-related peptidases 7 and 14 in colorectal cancer. OP085, UEGW 2011, *Gut 2011; 60(Suppl 3)*, Stockholm, October 2011.
165. Tzovaras A, Mavridis K., Ardavanis A. and **Scorilas A**. Expression Analysis and Study of BCL2 and the Novel Member of the Apoptotic Genes BCL2L12, as Promising Biomarkers for Monitoring of Prostate Cancer Cells' Response to Chemotherapy. *European Multidisciplinary Cancer Congress, 16th ECCO, 36th ESMO, 30th ESTRO Congress*, Stockholm, *European Journal Of Cancer* Volume: 47 Supplement: 1 pp: S173-S173 , September 2011.

166. Papachristopoulou G, Stamatopoulou S., Talieri M., Ardavanis A, **Scorilas A.** Study Of KLK4, KLK5 And KLK14 mRNA Levels In Breast Cancer Cells After Treatment With Antineoplastic Agents. *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, OP16, pp.48, September 2011.
167. Mavridis K., Stravodimos K., **Scorilas A.** Quantitative Analysis And Study Of The microRNA 224 (mir-224) And Its Target, *KLK15* Gene, In Prostate Tumors: Investigation Of Their Clinical Significance *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, OP18, pp.50, September 2011.
168. Avgeris M., Foutadakis S., Stravodimos K., **Scorilas A.** Quantification Of The Expression Of Kallikrein-Related Peptidase Gene (*KLK11*) Reveals Its Downregulation In Bladder Cancer Patients. *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, OP22, pp.53, September 2011.
169. Kontos CK, Chantzis D., Papadopoulos IN, **Scorilas A.** *KLK4* mRNA Expression In Colon Cancer: A Novel Biomarker With Significant Prognostic Value. *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, OP24, pp.54, September 2011.
170. Patsis C, Giotakis A., Yiotakis I., **Scorilas A.** Human Tissue Kallikrein-Related Peptidase 11 (*KLK11*) Expression Status As A Novel Biomarker For Laryngeal Cancer. *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, P06, pp.62, September 2011.
171. Karaliotas GI., Mavridis K., **Scorilas A.**, Babis GC. Expression Analysis Of The mRNA Levels Of Kallikrein-Related Peptidases In Human Osteoarthritis. *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, P23, pp.73, September 2011.
172. Tokas T., Avgeris M., Stravodimos K., Constantinides C., **Scorilas A.** Quantitative Expression Analysis Of Kallikrein-Related Peptidase 13 Gene (*KLK13*) In Bladder Cancer. *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, P26, pp.74-75, September 2011.
173. Linardoutsos D, Avgeris M., Bramis J., Zografos GC., **Scorilas A.** Expression Analysis Of Kallikrein-Related Peptidase 4 Gene (*KLK4*) In Pancreatic Cancer. *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, P27, pp. 75, September 2011.
174. Papadopoulos EI, Kyrikos V., Grigorakis A., Petraki C., **Scorilas A.** Clinical Evaluation Of The *KLK5* mRNA Levels In Kidney Cancer. *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, P28, pp. 76, September 2011.
175. Papadopoulou A., **Scorilas A.**, Kletsas D. Expression Of Kallikrein Genes In Senescent Human Fibroblasts. *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, P29, pp. 76-77, September 2011.
176. Devetzi M., Trangas T., **Scorilas A.**, Poulakis A., Katerinis P., Xynopoulos D., Apostolaki A., Talieri M. Human Kallikrein-Related Peptidase 14 (*KLK14*) Expression In Colorectal Cancer And Non-Cancer Tissues *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, P30, pp. 77, September 2011.
177. Zoma M., **Scorilas A.**, Devetzi M., Talieri M. Expression And Clinical Evaluation of Kallikrein-Related Peptidase 6 (*KLK6*) In Intracranial Tumors *Proc. 4th International Symposium on*

Kallikreins and Kallikrein-Related Peptidases (ISK2011), Rhodes, Greece, P31, pp. 77-78, September 2011.

178. Florou D., Mavridis K., **Scorilas A.** Exposure Of Gastric Cancer Cells To Various Antineoplastic Drugs Modifies *KLK13* mRNA Expression Levels. *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, P32, pp.78, September 2011.
179. Michaelidou K., Stefanopoulou P., Tzovaras A., Misitzis I., Ardavanis A., **Scorilas A.** Quantitative Expression Analysis And Clinical Evaluation OF *KLK6* In Breast Cancer. *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, P33, pp.79, September 2011.
180. Alexopoulou DK, Christodoulou S., Papadopoulos EI, **Scorilas A.** Quantitative Expression Analysis Of *KLK10* And Evaluation Of Its Clinical Significance In Colorectal Cancer. *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, P35, pp.80, September 2011.
181. Avgeris M., Stravodimos K., Fragoulis EG, **Scorilas A.** Correlated Expression Of The Kallikrein-Related Peptidase 4 (*KLK4*) And The L-Dopa Decarboxylase (*DDC*) Gene In Prostate Cancer Patients: Analysis Of Its Clinical Significance *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, P36, pp.80, September 2011.
182. Kontos CK, Klettas D., Toutouzas K., Ageli C., Katsargyris A., Klonaris C., **Scorilas A.** Expression Analysis Of Kallikrein-Related Peptidases In Human Carotid Atherosclerotic Lesions. *Proc. 4th International Symposium on Kallikreins and Kallikrein-Related Peptidases (ISK2011)*, Rhodes, Greece, P41, pp.84, September 2011.
183. Avgeris M., Stravodimos K., Fragoulis EG, **Scorilas A.** L-dopa decarboxylase (*DDC*) gene overexpression contributes significantly in prostate cancer patients' prognosis *Proc. 36th FEBS Congress*, Volume: 278 Special Issue: SI Supplement: 1, Pages: 195-195, Torino (Turin), Italy, June 2011
184. Karaliotas GI, Mavridis K., **Scorilas A.**, Babis GC. mRNA expression Analysis Of *BCL2*, *BAX* And *BCL2L12* Apoptotic Genes In Osteoarthritis., *Proc.American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting, San Diego, CA, USA, February 2011*, pp226, Poster No. P188, 2011.
185. Mavridis K., Thomadaki H., Talieri M., **Scorilas A.** Prostate Cancer Cells Respond to Mitoxantrone and Doxorubicin treatment by modulating the Expression Profiles of *BCL2* Apoptotic Family Genes and the kallikrein-related peptidase 5 (*KLK5*). *Proc International Society for Enzymology*, P.16, 2010.
186. Avgeris M., Korbakis D., Tokas T., Stravodimos K., **Scorilas A.** Expression profiles of the kallikrein-related peptidase 5 gene in prostate and bladder cancer: A new potential biomarker. *Proc International Society for Enzymology*, P.11, 2010.
187. **Scorilas A.** Novel Cancer biomarkers within the kallikrein gene locus on chromosome 19q13.3-q13.4. *Proc 8th Tumor Markers - Targeted Therapy Congress*, November 2010.
188. Mavridis K., Thomadaki H., Ardavanis A, **Scorilas A.** Treatment of androgen independent prostate cancer cells with methotrexate leads to apparent upregulation of the mRNA levels of Kallikrein genes *KLK5*, *KLK13* and *KLK15*. *Journal of BUON*, Vol.15, Supp1, OP58, pp20 September 2010.

189. Tzovaras A, Mavridis K., Thomadaki H., Doufexis D., Maliou S., Kountourakis P., Malamos N., Ardavanis A, **Scorilas A.** Molecular analysis and study of *BCL2* gene family members of the apoptotic genes as promising biomarkers for monitoring breast, prostate and ovarian cancer cells' response to chemotherapy *Journal of BUON*, Vol.15, Supp1, OP55, pp20 September 2010.
190. Pavlovic S, Floros KV, Thomadaki H, Tosic N, Gourgiotis D, Colovic M, **Scorilas A.** Association Of High-Level Expression Of *BCL2L12* Gene With Adverse Outcome In Patients With Acute Myeloid Leukemia. *Haematologica-The Hematology Journal* Vol.95, pp.498-498, Suppl.2, June 2010.
191. Koutalellis G., Stravodimos K., Avgeris M., Mavridis K., **Scorilas A.**, Constantinedes C. Clinical and Molecular Differences Between Benign Prostate Hyperplasia and Prostate Cancer. *Proc.3rd World Congress on Controversies in Urology (CURy)*, Αθήνα, Φεβρουάριος 2010.
192. **Scorilas A.** Promising tumor biomarkers within the human tissue kallikrein gene locus on chromosome 19q13.3-q13.4 *Proc Int Symp Kallikreins*: L10.3, 2009.
193. Mavridis K, Talieri M, **Scorilas A.** Expression profiles of the *KLK5* and *KLK15* genes in the androgen independent prostate cancer cells after treatment with the anticancer agents mitoxantrone, doxorubicin and epirubicin *Proc Int Symp Kallikreins*: L9.4, 2009.
194. Avgeris M, Papachristopoulou G, Charlaftis A, **Scorilas A.** Clinical evaluation and study of the *KLK5* gene expression in malignant and benign breast lesions *Proc Int Symp Kallikreins*: P02, 2009.
195. Florou D, Konstantoudakis G, Mavridis K, Papadopoulos IN, **Scorilas A.** Quantitative analysis of *KLK13* mRNA expressional status and its clinical value in human primary gastric carcinomas *Proc Int Symp Kallikreins*: P12, 2009.
196. Kontos CK, Chantzis D, Papadopoulos IN, **Scorilas A.** Quantitative expression analysis and prognostic of *KLK4* mRNA expression in colon cancer *Proc Int Symp Kallikreins*: P18, 2009.
197. Mavridis K., Koutalellis G, Stravodimos K, **Scorilas A.** Quantitative analysis of the kallikrein-related peptidase 13 in prostate tumors *Proc Int Symp Kallikreins*: P19, 2009.
198. Michaelidou K, Kladi-Skandali A, Ardavanis A, Zobolas V, **Scorilas A.** Expression analysis and study of the *KLK11* mRNA isoforms in cancerous and non cancerous breast tissues and in breast cancer cell lines *Proc Int Symp Kallikreins*: P22, 2009.
199. Papachristopoulou G, Avgeris M, Charlaftis A, **Scorilas A.** The differential diagnostic value of the *KLK14* gene expression in breast tumors, *Proc Int Symp Kallikreins*: P25, 2009.
200. Dorn J , Harbeck N , Kates R , Gkazepis A , **Scorilas A.**, Soosaipillai A, Diamandis E, Kiechle M, Schmalfeldt B , Schmitt M. Expression differences of proteolytic factors uPA, PAI-1, and seven kallikrein-related peptidases (*KLK5*, 6, 7, 8, 10, 11, 13) between primary tumor and omentum metastasis impact outcome in advanced ovarian cancer. *EJC Supplements* 7 (4) : 16-17, 2009.
201. Mavridis K, **Scorilas A.** Treatment of prostate cancer cells with chemotherapeutic agents induces distinct alterations in the mRNA expression pattern of the kallikrein-related peptidases genes *KLK13* and *KLK15*. *Proc.1st International Conference on Molecular Cancer Research* O-24, 2009.
202. Mavridis K, **Scorilas A.** Preclinical evaluation of the novel Kallikrein genes *KLK13* and *KLK15* as new putative molecular markers for difeerencial diagnosis and suitabkle therapeutic handing of prostate cancer. *FEBS JOURNAL*, 69: 143-143, 2009.

203. Kontos CK, Papadopoulos IN, Fragoulis EG, **Scorilas A**. mRNA Quantitative analysis and study of the L-Dopa decarboxylase (DDC) gene in colon cancer. *FEBS JOURNAL*, 276: 225-225, 2009.
204. Florou D., Papadopoulos IN, **Scorilas A**. Clinical Strength of the L-Dopa Decarboxylase gene (DDC) in early detecting human gastric carcinomas *Proc Int Symp on Minimal Residual Cancer*, P16, 2009.
205. Florou D., Konstadoudakis G., Papadopoulos IN, **Scorilas A**. Molecular profiles and study of the *BCL2L12* gene in stomach tumors and in gastric cells after treatment with prominent chemotherapeutic drugs *Annals of Oncology*, Vol.20, Supplement 7, 2009.
206. Petraki C, **Scorilas A**, Komborozos V, Veloudis G, Michalopoulou F, Sfikas C, Papanastasiou P and Diamandis EP. Immunohistochemical evaluation and prognostic significance of human tissue kallikrein 6 in colorectal cancer. *Histopathology*, 53: 155-155, 2008.
207. Petraki C, **Scorilas A**, Veloudis G, Komborozos V, Evangelou I, Papanastasiou P, Sfikas C, and Diamandis EP. The immunohistochemical expression of human tissue kallikrein 10 is an independent predictor for disease outcome in patients with colorectal cancer. *Histopathology*, 53, 156-156, 2008.
208. Geomela P, Glyka V, Yiotakis I, Fragoulis EG and **Scorilas A**. Expression analysis and study of L-Dopa Decarboxylase (*DDC*) in head and neck tumors. *FEBS JOURNAL*, 275, 122-122, 2008.
209. Liakata E, Kontos CK, **Scorilas A**, Maratou E, Kontsioti F, Rontogianni D, Papageorgiou SG, Pappa V, Pectasides D, Harhalakis N, Economopoulos T and Psyrri A. Increased copy numbers of the *PI3KCA* gene may contribute to the pathogenesis of mantle cell lymphoma. *FEBS JOURNAL* Volume: 275 Pages: 412-412, 2008.
210. Korbakis D and **Scorilas A**. Quantitative mRNA analysis of the apoptosis-related genes *BCL2* and *BCL2L12* in gastric cancer cells treated with anticancer drugs. *FEBS JOURNAL*, 275: 109-109, 2008.
211. Papachristopoulou G, Avgeris M, Polychronis A and **Scorilas A**. The novel member of the kallikrein gene family, *KLK4*, is overexpressed in breast tumours and significantly correlated with the apoptosis related genes *BCL2* and *BCL2L12* .*FEBS JOURNAL*, 275,129-129,2008.
212. Thomadaki H, Mavridis K and **Scorilas A**. BCL-2, BAX and BCL2L12 are modulated at the mRNA level in response of leukemic cells to the ABL protein tyrosine kinase inhibitor, Gleevec *FEBS JOURNAL*, 275: 110-110, 2008.
213. Kontos CK, Papadopoulos IN, Fragoulis EG, **Scorilas A**. Prognostic significance of L-dopa decarboxylase (DDC) expression in colon cancer. *FEBS JOURNAL*, 275: 126-126, 2008.
214. Alexopoulou DK, **Scorilas A**. Talieri M. The human-kallikrein related peptidase expression pattern in colorectal cancer. *FEBS JOURNAL*, 275: 372-372, 2008.
215. Mathioudaki K, **Scorilas A**, Talieri M. Expression pattern of protein arginine methyltransferase 1 gene (PRMT1) in breast and colon cancer. *FEBS JOURNAL*, 275: 414-414, 2008.
216. Kontos CK, Papadopoulos IN, Chantzis D and **Scorilas A**. The novel apoptosis-related gene, *BCL2L12*, is an independent and favorable prognostic marker for colon cancer. *Proc Am Assoc Cancer Res*, 2008.
217. Floros KV, Thomadaki H, Aller P and **Scorilas A**. Modulations, at the mRNA level, of apoptosis-associated genes, as a response of the acute myeloid leukemia cell line HL-60 to apoptosis induced by arsenic trioxide. *Apoptosis 2008 – From Mechanisms to applications*, PX4, 2008.

218. Thomadaki H, Floros KV and **Scorilas A.** mRNA expression analysis of the apoptosis-related genes BCL2, BAX, BCL2L12, CASPASE-3 and FAS in HL60 leukemia cells treated with taxol and vincristine. *Apoptosis 2008 – From Mechanisms to applications*, IX 58, 2008.
219. Avgeris M, Fragoulis EG, Stravodimos K, **Scorilas A.** Study of L-DOPA decarboxylase (DDC) in prostate tissues and cancer cell lines. *Proc 3rd Conf Diagnost Pred Exp Oncol*, P48, 2007.
220. Thomadaki H., Gourgiotis D., **Scorilas A.** Correlation of the molecular profile of the novel apoptosis-related gene, *BCL2L12*, with cancer cells sensitivity against distinct anticancer drugs *FEBS JOURNAL*, P59: 126-126, 2007.
221. Kontos CK, Thomadaki H, Florou D, Avgeris M, Korbakis D and **Scorilas A.** Quantitative mRNA expression analysis and study of *BCL2L12*, a novel member of the apoptosis-related genes, in cancer cell lines. *Proc Int Prot Soc: P119*, 2007.
222. Kontos CK, Papadopoulos IN, Chantzis D and **Scorilas A.** The role of the novel apoptosis - related gene, *BCL2L12*, along colon cancer progression: a quantitative mRNA expression analysis. *Proc Int Prot Soc: P103*, 2007.
223. Avgeris M, Koutalellis G, Fragoulis EG, Stravodimos K, **Scorilas A.** Expression analysis and study of L-DOPA decarboxylase (DDC) in prostate cancer. *Proc Int Prot Soc*, 2007, P86.
224. Korbakis D and **Scorilas A.** mRNA expression analysis and study of *BCL2*, *BAX* and *BCL2L12* in gastric cancer cells after treatment with anticancer drugs. *Proc Int Prot Soc:P117*, 2007.
225. Florou D, Papadopoulos IN, Konstantoudakis G, **Scorilas A.** Quantitative mRNA expression analysis and clinical evaluation of *BCL2L12*, a novel apoptosis-related gene, in gastric cancer with real-time PCR RT-PCR. *Proc Int Prot Soc: P345*, 2007.
226. Geomela P.A, Patsis C, Glyka V, Giotakis A, Giotakis I, **Scorilas A.** Expression analysis and study of the novel apoptosis-related gene, *BCL2L12*, in head and neck cancer. *Proc Int Prot Soc: P256*, 2007.
227. Thomadaki H, Mavridis K, Tsiapalis CM, Gourgiotis D and **Scorilas A.** Effect of Zn²⁺, a caspase regulator, on survival of U937 cells, a human histolytic lymphoma cell line: implication of polyadenylation. *Proc Int Prot Soc: P 291*, 2007.
228. Thomadaki H and **Scorilas A.** Identification of novel target genes as biomarkers for the assessment of cellular response to chemotherapy, in breast versus ovarian cancer cells: A molecular approach. *Proc Int Prot Soc: P104*, 2007.
229. Korbakis D, Gregorakis A.K, **Scorilas A.** Expression analysis and study of the differential diagnostic potential of kallikreins 5 and 7 in prostate cancer after needle prostate biopsy. *Proc Int Symp Kallikreins: P41*, 2007.
230. Avgeris M, Koutalellis G, Stravodimos K, **Scorilas A.** Expression analysis and study of KLK4 in prostate cancer. *Proc Int Symp Kallikreins: P42*, 2007.
231. Avgeris M, Mavridis K, Thomadaki H, Kontos CK, Avzioti K, Papalexis P, **Scorilas A.** Expression analysis of the genes KLK4 and KLK15 in cancer cell lines. *Proc Int Symp Kallikreins: P43*, 2007.
232. Mavridis K, Avgeris M, Koutalellis G, Stravodimos K, **Scorilas A.** Clinical evaluation of the KLK15 mRNA spliced variants in prostate tumors. *Proc Int Symp Kallikreins: P44*, 2007.
233. Papachristopoulou G, Avgeris M, **Scorilas A.** Expression analysis and study of KLK4 and *BCL2L12* in benign and malignant breast tumors. *Proc Int Symp Kallikreins: P45*, 2007.

234. Thomadaki H, Mavridis K, Talieri M, **Scorilas A.** Kallikreins 11 and 15 are new putative molecular markers for suitable therapeutic handling of prostate cancer. *Proc Int Symp Kallikreins*: P46, 2007.
235. Toubanaki DK, Kontos CK, Fragoulis EG, Christopoulos TK, **Scorilas A.** Development and validation of an RNA-based quantitative method for the determination of L-DOPA decarboxylase (DDC) at the mRNA level. *Proc Instrumental Methods of Analysis – Modern Trends and Applications*: P260, 2007.
236. Kontos CK, Toubanaki DK, Fragoulis EG, Christopoulos TK, **Scorilas A.** Quantitative analysis and study of L-Dopa Decarboxylase in cancer cells using real time and competitive RT-PCR assays. *FEBS Letters*: 1021PT, 2007.
237. Kontos CK, Papadopoulos IN, Chantzis D and **Scorilas A.** Expression Analysis and Prognostic Significance of the *BCL2L12*, a New Member of the Apoptosis Related Genes, in Colon Cancer. *Proc Am Assoc Cancer Res*: 1769, 2007.
238. Thomadaki H, Gourgiotis D and **Scorilas A.** The effect of antitumour agents on the mRNA expression of the apoptosis-related genes in human leukaemic cells. *FEBS Advanced Lecture Course on Matrix Pathobiology, Signaling and Molecular Targets*: P 256, 2007.
239. Thomadaki H and **Scorilas A.** Cancer cells' response to chemotherapeutic drugs action: a molecular approach. *Proc 9th Annual HRCCTMB Meeting*: 16, 2007.
240. **Scorilas A.** Kallikreins as novel molecular biomarkers for diagnosis and prognosis of hormonal – related cancers. *Proc 3rd Conference on Diagnostic, Predictive and Experimental Oncology*, 17, 2007.
241. Thomadaki H, Talieri M, Ardavanis A and **Scorilas A.** The role of the novel apoptosis related gene *BCL2L12* in prognosis and individualized treatment of breast cancer: A molecular and clinical approach. 18th EORTC-NCI-AACR Symposium on Molecular Targets and Cancer Therapeutics. *Proc AACR-NCI-EORTC*: 142, 2006.
242. Leoutsakou T, Talieri M, Christopoulos Th and **Scorilas A.** mRNA expression profiling of anticancer drugs and hormonals-treated human breast and ovarian cancer cells reveals distinct modulations of the novel splicing-related gene SRA1. *Proc Am Assoc Cancer Res*: LBA-8753, 2006.
243. Thomadaki H, Gourgiotis D, Kosmidis VH and **Scorilas A.** The effect of antitumour agents on the mRNA expression of the apoptosis-related genes in human leukaemic cells. *FEBS Letters*: 1659, 2006.
244. Thomadaki H, Ardavanis A, Talieri M and **Scorilas A.** Anticancer drug-treated of breast and ovarian cancer cells reveals distinct modulations in expression of apoptosis genes. *FEBS Letters*: 1659, 2006.
245. Kontos CK, Fragoulis EG and **Scorilas A.** Expression analysis of L-Dopa Decarboxylase in human cancer cell lines using RT-PCR and quantitative real time RT-PCR. *FEBS Letters*: 1634, 2006.
246. Thomadaki H, Talieri M and **Scorilas A.** Distinct alterations in the expression levels of SRA1 gene, in the breast cancer cell line MCF7, as a response to treatment with anticancer drugs. *Proc Int Soc Fibrinol Prot*: 312, 2006.
247. Floros KV, Thomadaki H, Sonja P, Talieri M, Milica C, Gourgiotis D and **Scorilas A.** Real-time PCR analysis of *BCL2L12*, a novel member of *BCL2* family of the apoptosis-related genes, in human leukemia. *Proc Int Soc Fibrinol Prot*: 316, 2006.

248. **Scorilas A.** The tissue kallikrein family of serine proteases: genomic organization, tissue-specific expression, physiologic roles and applications in cancer. *Proc 8th Annual Meeting of the Hellenic Research Club for Connective Tissue & Matrix Biology*, 6, 2006.
249. Thomadaki T and **Scorilas A.** Breast cancer cells response to the antineoplastic agents cisplatin, carboplatin and doxorubicin, at the mRNA expression levels of distinct apoptosis-related genes, including the new member, *BCL2L12*. *Proc Cell Signaling World 2006 meeting*: X 96,2006.
250. Floros KV, Thomadaki H, Florou D, Talieri M and **Scorilas A.** Alterations in the mRNA expression of the novel, apoptosis-related gene, *BCL2L12*, after treatment of human leukemic cell line HL60 with the antineoplastic agent etoposide. *Proc Cell Signaling World 2006 meeting*: X 30, 2006.
251. Kountourakis P, Psyrris A, **Scorilas A**, Kowalski D, Camp R, Markakis S, Dimopoulos M. Prognostic significance of human kallikrein 7 protein expression levels in ovarian cancer by using automated quantitative analysis. *Therapeutics. Proc AACR-NCI-EORTC*: 326, 2006.
252. Alexopoulou DK, **Scorilas A**, Skoufalas P, Xynopoulos D, Talieri M. Significance and clinical evaluation of human kallikrein 6 (KLK6) expression in colon cancer. *Proc Am Assoc Cancer Res*: 398, 2006.
253. Shan S, **Scorilas A**, Soosaipillai A, Katsaros D, Rigault I, Puopolo M, Diamandis EP. Human tissue kallikrein 7 over-expression in ovarian carcinoma: a novel marker of unfavorable prognosis. *Proc Am Assoc Cancer Res*: 4503, 2006.
254. Alexopoulou A, Scoufalas P, **Scorilas A**, Xynopoulos D, Talieri M. Significance and clinical evaluation of human kallikrein gene 6 (KLK6) mRNA expression in colon cancer. *Proc Winter School Meeting on Proteinases and their Inhibitors*: 13, 2006.
255. Floros KV, Talieri M and **Scorilas A.** Expression analysis and study of a variety of apoptosis-related genes, including the novel gene of the BCL2-family, *BCL2L12*, in HL-60 human promyelocytic leukemia cells after treatment with Cisplatin and Topotecan. *Proc Int Prot Soc*: PIII 14,2005.
256. Prezas P, Mathioudaki K, Papadokostopoulou A, Xynopoulos D, Arnogiannaki N, **Scorilas A**, Talieri M. Clinical implication of KLK7 in colon cancer. *Proc Int Prot Soc*: LV5, 2005.
257. Thomadaki H, Talieri M, **Scorilas A.** Distinct alterations in the expression levels of BCL2 family genes, including the new member *BCL2L12*, in the breast cancer cell line MCF-7, as a response to treatment with anticancer drugs. *Proc Int Prot Soc*: PI 77, 2005.
258. Schmalfeldt B, Kates R, Dorn J, **Scorilas A**, Grass L, Soosaipillai A, Diamandis EP, Kiechle M, Schmitt M, Harbeck N. Impact of proteolytic factors on surgical success and survival in ovarian cancer. *Proc ASCO*: #5068,471,2005.
259. Schmitt M, Kates R, Dorn J, **Scorilas A**, Grass L, Soosaipillai A, Diamandis E, Kiechle M, Schmalfeldt B, Harbeck N. Impact of proteolytic factors (uPA, PAI-I, tissue kallikreins) on surgical success and survival in ovarian cancer. *Thromb Haemost*: 93:A24,2005.
260. Talieri M, **Scorilas A**, Yotis J, Devetsi M, Fotiou S, Tsiambas E, Kotsiandri F, Sameni M, Sloane BF. Immunohistochemical analysis of cathepsin B in endometrial cancer. *Proc Int Prot Soc*: PI 78, 2005.
261. Leoutsakou Th, Talieri M, Yotis J, Ardavanis A, **Scorilas A.** Prognostic significance of the expression of *SR-A1* gene, encoding for a new member of the human ser-arg-rich family of pre-mRNA splicing factors, in breast cancer. *Proc Int Prot Soc*: PI 75, 2005.

262. Thomadaki H, Ardavanis A, Talieri M, Kletsas D and **Scorilas A**. Prognostic significance of *BCL2L12*, a new member of the *BCL2* family of apoptosis-related genes, in breast cancer. *FEBS Letters*: A4-066P, 2005.
263. Skoufalas P, Yfanti C, **Scorilas A**, Talieri M., Expression and clinical evaluation of KLK6, KLK7 and KLK8 in intracranial tumors. *Proc Int Symp Kallikreins*: 71, 2005.
264. Economopoulou K, **Scorilas A**, Grass L, Soosaipillai A, Rosen B, Murphy J, Diamandis EP. Kallikreins as markers of disseminated tumour cells in ovarian cancer. *Proc Am Assoc Cancer Res*: 4878, 2005.
265. Leoutsakou T, Talieri M, Mathioudaki K, Stavropoulou P, Arnogianaki N, Diamandis EP, **Scorilas A**. Expression analysis and prognostic significance of SR-A1 gene, encoding for a new member of the human ser/arg-rich family of pre-mRNA splicing factors, in breast and ovarian cancer. *Proc Am Assoc Cancer Res*: 1899, 2005.
266. Petraki C, Veloudis G, Komborozos V, **Scorilas A**, Papanastasiou P, Diamandis EP. Immunohistochemical evaluation and prognostic significance of human kallikreins 6 and 10 in colorectal cancer. *Proc Am Assoc Cancer Res*: 1260, 2005.
267. Dorn J, Harbeck N, Kates R, **Scorilas A**, Grass L, Soosaipillai A, Diamandis EP, Schmitt M. Analysis of the differential expression of proteolytic factors uPA, PAI-1, and seven tissue kallikreins (hk5,6,7,8,10,11,13) between primary ovarian carcinoma tissues and corresponding omentum metastases. *Proc Am Assoc Cancer Res*: 2972, 2005.
268. Mathioudaki K, Papadokostopoulou A, Xynopoulos D, Arnogianaki N, Agnanti N, **Scorilas A**, Talieri M. Expression analysis of KLK7 gene in colon cancer. *Proc 12th UEGW, Gut* , 2004.
269. **Scorilas A**, Mathioudaki K, Leoutsakou T, Arnaouti M, Diamandis EP, Talieri M. Expression analysis of the SR-A1 gene, encoding for a novel member of the human Ser/Arg-rich family of proteins, in breast cancer. *Proc Am Assoc Cancer Res*: 1728, 2004.
270. Borgono CA, Kishi T, **Scorilas A**, Harbeck N, Dorn J, Schmalfeldt B, Schmitt M, Diamandis EP. Human kallikrein 8 protein (hK8) in ovarian cancer cytosols: A new marker of favorable prognosis. *Proc Am Assoc Cancer Res*: 4444, 2004.
271. Thomadaki H, **Scorilas A**, Tsiapalis CM. Commencement or inhibition of drug-induced apoptosis, via regulation of polyadenylation, is cell type specific. *Proc 12th ECDO Euroconference on Apoptosis*: P-163, 2004.
272. Floros KV, Thomadaki H, Katsaros N, Talieri M, **Scorilas A**. Alterations in the expression levels of BCL2, BAX, FAS, Caspase9, Caspase3 and BCL2L12, a new member of the BCL2 family, in response to drug-induced apoptosis. *Proc 12th ECDO Euroconference on Apoptosis*: P-51, 2004.
273. Yousef G, Polymeris ME, Yacoub GM, Fracchioli S, **Scorilas A**, Soosaipillai A, Katsaros D, Diamandis EP. In silico analysis of kallikrein gene expression in ovarian cancer. *Proc Am Assoc Cancer Res*: 4461, 2004.
274. Gregorakis A, Papanastasiou P, Borousas D, Bharaj B, Petraki C, **Scorilas A**, Diamandis EP. Thymine - Adenine (TA) repeat polymorphism of the 5a - reductase gene (SRD5A2) and prostate cancer risk. *Proc Eur Soc Urol Res*: PSI.8, 2004.
275. Papanastasiou P, Gregorakis A, Borousas D, Bharaj B, Petraki C, **Scorilas A**, Diamandis EP. Valine - Leukine (V89L) mutation of 5a - Thymine - Adenine (TA) repeat polymorphism of the 5a - reductase gene (SRD5A2) and prostate cancer risk. *Proc Eur Soc Urol Res*: PSI.7, 2004.

276. Katsarou M, Thomadaki H, **Scorilas A**, Katsaros N. Expression of SR-A1 gene in response to anticancer therapy. *Anticancer Res*, 24: 251, 2004.
277. Floros KV, Thomadaki H, Lallas G, Katsaros N, Talieri M and **Scorilas A**. Cisplatin-Induced Apoptosis in a Promyelocytic (HL-60) Cell Line, Downregulates the Expression of BCL2 and Increases the mRNA Levels of the New Member of Apoptosis-Related Genes, BCL2L12. *Proc Apoptosis 2003*: XVI5, 2003.
278. Leoutsakou T, Talieri M, Mathioudaki K, Papadokostopoulou A, Paraskeyas E, Imyanitov E and **Scorilas A**. SR-A1 gene, member of the human pre-mRNA splicing factors, is overexpressed in aggressive colon tumors and may serve as potential indicator of unfavorable prognosis in colon cancer. *Proc Int Prot Soc*: P7-17, 2003.
279. Mathioudaki K, Talieri M, Papadokostopoulou A, Xynopoulos D, Arnogiannaki N, Agnanti N and **Scorilas A**. Expression of BCL2L12, a new member of apoptosis-related genes, in colon cancer. *Proc Int Prot Soc*: P3-6, 2003.
280. Floros KV, Thomadaki H, Katsaros N, Talieri M and **Scorilas A**. mRNA expression analysis of apoptosis related genes, after treatment of HL-60 cells with carboplatin and doxorubicinin. *Proc Int Prot Soc*: P7-16, 2003.
281. **Scorilas A**, Chang P, Katsaros D, Yousef G, Diamandis EP. Cloning of a new gene, CEAL1, which encodes for a carcinoembryonic antigen-like protein: overexpression in aggressive ovarian cancer. *Proc Am Assoc Cancer Res*: 1238, 2003.
282. Nakamura T, **Scorilas A**, Stephan C, Jung K, Soosaipillai A, Diamandis EP. Analysis of serum human kallikrein 11 (hK11) for discriminating between prostate cancer and benign prostatic hyperplasia. *J Urol*: 1439, 2003.
283. Yousef GM, Polymeris M, Yacoub GM, Fracchioli S, **Scorilas A**, Soosaipillai A, Popalis C, Katsaros D, Diamandis EP. *In silico* analysis of kallikrein gene expression in ovarian cancer. *Clin Chem*: D-23, 2003.
284. Yousef GM, Borgono C, Polymeris A, Soosaipillai A, **Scorilas A**, Harbeck N, Schmalfeldt B, Dorn J, Schmitt M, Chan P, Diamandis EP. Human kallikrein 5 (hK5): A novel serum biomarker for ovarian and breast cancer. *Clin Chem*: D-24, 2003.
285. Yousef G, Borgono C, **Scorilas A**, Fracchioli S, Iskander L, Diamandis EP, Katsaros D. 477 - Prognostic Value of Human Kallikrein Gene 14 (KLK14) in Ovarian Cancer. *Proc Am Assoc Cancer Res*: 477, 2003.
286. Gregorakis A, Papanastasiou P, Borousas D, Bharai B, Petraki C, **Scorilas A**, Diamandis E. TA Repeat Polymorphism of the 5a Rectudase Gene and Prostate Cancer. *Proc 8th Mediterranean Congress of Urology*, 2003.
287. Diamandis EP, **Scorilas A**, Yousef G, Kishi T, Luo LY, Nakamura T, Fishman D. Multiparametric serum analysis of human kallikreins hK5, hK6, hK7, hK8, hK10 and hK11 in combination with CA125 for ovarian cancer diagnosis. *Proc Am Assoc Cancer Res*: 478, 2003.
288. Mathioudaki K, Talieri M, Papadokostopoulou A, Dimitroulopoulos D, Paraskevas E, Xynopoulos D, Arnogiannaki N, Agnanti N, **Scorilas A**. Increased poly(A)polymerase activity levels in colon cancer. *Proc Un Eur Gast Soc*, G-051, 2003.
289. Papadokostopoulou A, Mathioudaki K, **Scorilas A**, Arnogiannaki N, Tsamakidis K, Kouroumalis E, Talieri M. Expression analysis of protein arginine methyltransferase 1. 11th United European Gastroenterology week. *Proc Un Eur Gast Soc*, G-058, 2003.

290. Mathioudaki K, Agnanti N, **Scorilas A**, Talieri M. Human protein arginine methyltransferase 1 gene (PRMT1) may serve as a new breast cancer biomarker of unfavorable prognosis. *Proc Int Med Cour Mast: P- 19*, 2003.
291. Mathioudaki K, Ksigi E, Chrisohou M, Ardavanis A, Agnanti N, **Scorilas A**, Talieri M. Expression analysis of a new member of apoptosis-related genes, BCL2L12, in breast cancer. *Proc Int Med Cour Mast P-20*, 2003.
292. Talieri M, Androulakakis A, Mathioudaki K, **Scorilas A**, Karydas I, Arnogiannaki N, Yotis J. Expression analysis of the human protein arginine methyltransferase 1 gene (PRMT1) in breast cancer. *Proc Am Assoc Cancer Res: 5000*, 2003.
293. Kishi T, Grass L, Soosaipillai A, **Scorilas A**, Memari N, Shimizu-Okabe C, Schmitt M, Harbeck N, Dorn J, Schmalfeldt B, Diamandis EP. Human Kallikrein 8 as a Serum Biomarker for Ovarian Cancer. *Proc Am Assoc Cancer Res: 481*, 2003.
294. Nakamura T, **Scorilas A**, Stephan C, Jung K, Soosaipillai A, Miki T, Diamandis EP. The Analysis of Serum Human Kallikrein 11 (hK11) Increases Discrimination between Prostate Cancer and Benign Prostatic Hyperplasia. *Proc Am Assoc Cancer Res: 2490*, 2003.
295. Yousef GM, Borgono C, **Scorilas A**, Ponzzone R, Biglia N, Roagna R, Sismondi P, Diamandis EP. Human Kallikrein Gene 14 (KLK14) Expression: An Indicator of Poor Prognosis in Breast Cancer Patients. *Proc Am Assoc Cancer Res: 3367*, 2003.
296. Nakamura T, Stephan C, **Scorilas A**, Memari N, Yousef GM, Jung K, Diamandis EP. Quantitative Analysis of KLK11 Gene Expression in Prostatic Tissues. *Proc Am Assoc Cancer Res: 5006*, 2003.
297. Nakamura T, **Scorilas A**, Stephan C, Yousef GM, Kristiansen G, Jung K, Diamandis EP. Macrophage Inhibitory Cytokine 1 (MIC-1) Gene is Up-Regulated in Human Prostatic Cancer Tissues. *Proc Am Assoc Cancer Res: 5019*, 2003.
298. Obiezu C, Yousef GM, Jung K, Stephan C, **Scorilas A**, Diamandis EP. Kallikrein gene 5 is differentially expressed in healthy vs. cancerous testicular tissues. *Proc Am Assoc Cancer Res: 5046*, 2003.
299. Borgono C, Yousef GM, **Scorilas A**, Grass L, Soosaipillai A, Diamandis EP. Human Kallikrein 14 (hK14) Expression in Breast Cancer Tissues. *Proc Am Assoc Cancer Res: 6328*, 2003.
300. Yousef GM, Grass L, Polymeris ME, Soosaipillai A, Chan P, **Scorilas A**, Borgono C, Harbeck N, Schmalfeldt B, Dorn J, Schmitt M, Diamandis EP. Human Kallikrein 5 (hK5): A Novel Serum Biomarker for Breast and Ovarian Cancer. *Proc Am Assoc Cancer Res: 6337*, 2003.
301. Yousef GM, Borgoño CA, Robb D, **Scorilas A**, Ponzzone R, Diamandis EP. Human Kallikrein Gene 14 (KLK14) Expression: An Indicator of Poor Prognosis in Breast Cancer Patients. *Proc ACOG, 7th Ann Winter Symp*, 2003.
302. **Scorilas A**, Kletsas D, Diamandis EP. The new member of apoptosis-related proteins, BCL2L12, is down regulated in aggressive breast tumors and in arrested human fibroblasts. *Proc Am Assoc Cancer Res: 2622*, 2002.
303. **Scorilas A**, Diamandis EP, Katsaros N, Gouriotis D, Karida I, Talieri M. Expression analysis of the new member of apoptosis-related proteins, BCL2L12, in breast tumours. *Proc Int Soc Fibr Prot: 9*, 2002.

304. **Scorilas A**, Plebani M, Mazza S, Soosaipillai A, Katsaros N, Basso D, Pagano F, Diamandis EP. Human glandular kallikrein 2 (hk2) and insulin-like growth factor (IGF-1) as discriminating markers between prostate cancer and benign prostatic hyperplasia. *Proc Am Assoc Cancer Res*: 3620, 2002.
305. **Scorilas A**, Diamandis EP, Gouriots D, Talieri M. Expression analysis of human kallikrein 7 (KLK7) in breast cancer cells. *Proc Int Soc Fibr Prot*: 29, 2002.
306. Kishi T, Grass L, Soosaipillai A, **Scorilas A**, Shimizu-Okde C, Harbeck N, Schmalfeld B, Dorn J, Schmitt M, Diamandis EP. Human Kallikrein 8: Identification and clinical impact in advanced ovarian patients. *Proc Int Soc Fibr Prot*: 405, 2002.
307. Diamandis EP, **Scorilas A**, Yousef GM, Stenman U, Henrik A, Soosaipillai A, Grass L, Katsaros D. Human kallikrein 6: A novel serum biomarker for diagnosis, prognosis and monitoring of ovarian cancer. *Proc Am Assoc Cancer Res*: 3679, 2002.
308. Kyriakopoulou L, **Scorilas A**, Yousef GM, Ponzzone R, Roagna R, Cacciari F, Sismondi P, Diamandis EP. Prognostic significance of human kallikrein 7 (KLK7) in breast cancer. *Proc Am Assoc Cancer Res*: 4548, 2002.
309. Luo LY, Fracchioli S, **Scorilas A**, Grass L, Vergote I, Zee A, Stenman U, Diamandis EP, Katsaros D. Human kallikrein 10 is a new serum marker for ovarian cancer diagnosis and prognosis *Proc Am Assoc Cancer Res*: 3686, 2002.
310. Stephan C, Yousef GM, **Scorilas A**, Jung K, Kristiansen G, Hauptmann S, Garret M. Loening S, Dietel M, Diamandis EP. Hepsin, a potential new marker for prostate cancer. *Proc Am Assoc Cancer Res*: 1935, 2002.
311. Stephan C, Yousef GM, **Scorilas A**, Nakamura T, Kishi T, Jung K, Kristiansen G, Hauptmann S, Diamandis EP. Quantitative analysis of Kallikrein 15 expression in prostate tissue. *Proc Am Assoc Cancer Res*: 5287, 2002.
312. Chang A, Yousef GM, Kapadia C, **Scorilas A**, Ponzzone R, Diamandis EP. Favorable prognostic value of KLK13 gene expression in breast cancer. *Proc Am Assoc Cancer Res*: 230, 2002.
313. Yousef GM, Fracchioli S, Kyriakopoulou L, Zarghooni M, **Scorilas A**, Diamandis M, Puopolo M, Massobrio M, Diamandis EP, Katsaros D, Danese S. A new potential independent prognostic marker for ovarian cancer. *Proc Am Assoc Cancer Res*: 236, 2002.
314. Borgoño CA, Katsaros D, Luo L-Y, Fracchioli S, Yamaguchi N, Soosaipilla A, Grass L, Rigault de la Longrais IA, Puopolo M, Yousef GM, **Scorilas A**, Diamandis EP. The prognostic value of human kallikrein 11 (hK11, trypsin-like serine protease, TLSP) in ovarian cancer cytosols. *Proc Am Assoc Cancer Res*: 237, 2002.
315. Yousef GM, Stephan C, **Scorilas A**, Chang A, Rendl L, Diamandis M, Jung K, Diamandis EP. Down-regulation of the human KLK5 gene in prostate cancer. *Proc Am Assoc Cancer Res*: 3786, 2002.
316. Yousef GM, Memari N, **Scorilas A**, Ponzzone R, Biglia N, Gai M, Roagna R, Sismondi P, Diamandis EP. A new favorable prognostic marker for breast cancer. *Proc Am Assoc Cancer Res*: 4540, 2002.
317. Katsaros D, Fracchioli S, Yousef GM, Luo L-Y, **Scorilas A**, Puopolo M, Stenman U-H, van der Zee AGJ, Vergote I, Diamandis EP. Human kallikrein 6 (hK6) and 10 (hK10): New potential biomarkers for diagnosis and prognosis of epithelial ovarian cancer. *Proc ASCO Meeting* 2002.

318. Luo LY, Katsaros D, **Scorilas A**, Diamandis EP. Serum human kallikrein 10: A novel marker for diagnosis and prognosis of ovarian cancer. *Proc Canadian Lab Med Congress*: P2-05, 2002.
319. Yousef GM, Kyriakopoulou LG, Fracchioli S, Zarghooni M, **Scorilas A**, Diamandis M, Katsaros D, Diamandis EP. A new potential independent prognostic marker for ovarian cancer. *Proc Canadian Lab Med Congress*: P2-06, 2002.
320. Kyriakopoulou LG, **Scorilas A**, Yousef GM, Ponzzone R, Roagna R, Sismondi P, Diamandis EP. Human kallikrein 7 (KLK7) as a prognostic marker in breast cancer. *Proc Canadian Lab Med Congress*: P2-07, 2002.
321. Yousef GM, **Scorilas A**, Borgono C, Fracchioli S, Richiardi G, Massobrio M, Katsaros D, Diamandis EP. Prognostic value of the humankallikrein gene 14 (KLK14) in ovarian cancer. *Clin Chem*: A-78, 2002.
322. Yousef GM, **Scorilas A**, Fracchioli S, Iskander L, Raouf AA, Massobrio M, Katsaros D, Diamandis EP. KLK15 is a new potential independent marker for unfavorable prognosis in ovarian cancer. *Clin Chem* D-118, 2002.
323. Katsaros D, Fracchioli S, Yousef GM, Luo L-Y, **Scorilas A**, Puopolo M, Stenman U-H, van der Zee AGJ, Vergote I, Diamandis EP. Human kallikrein 6 (hK6) and 10 (hK10): New potential biomarkers for diagnosis and prognosis of epithelial ovarian cancer. *Proc ASCO Meeting* 2002.
324. Luo LY, Katsaros D, **Scorilas A**, Diamandis EP. Serum human kallikrein 10: A novel marker for diagnosis and prognosis of ovarian cancer. *Proc Canadian Lab Med Congress*: P2-05, 2002.
325. Yousef GM, Kyriakopoulou LG, Fracchioli S, Zarghooni M, **Scorilas A**, Diamandis M, Katsaros D, Diamandis EP. A new potential independent prognostic marker for ovarian cancer. *Proc Canadian Lab Med Congress*: P2-06, 2002.
326. Kyriakopoulou LG, **Scorilas A**, Yousef GM, Ponzzone R, Roagna R, Sismondi P, Diamandis EP. Human kallikrein 7 (KLK7) as a prognostic marker in breast cancer. *Proc Canadian Lab Med Congress*: P2-07. 2002.
327. Yotis J, **Scorilas A**, Kotsiandri F, Fotiou S, Talieri M. Immunohistochemical staining for Cathepsin B may offer additional prognostic information for ovarian cancer. *Proc Int Prot Soc*: 159, 2001.
328. Yotis J, Pateras Ch, **Scorilas A**, Ardavanis A, Kotsiandri F, Trompetas V, Apostolikas N, Damascou V, Garoyfali A, Agnantis NJ. Hormonal receptor status and HER2/neu expression in bilateral synchronous female breast carcinomas. *Proc Hel Soc Breast Cancer Res*: PB42, 2001.
329. **Scorilas A**, Katsaros D, Kwamie A, Fracchioli S, Diamandis EP. The SR-A1 gene, encoding a new member of the human Ser/Arg-rich family of pre-mRNA splicing factors, is overexpressed in aggressive ovarian tumors and is an independent unfavorable prognostic indicator in ovarian cancer. *Proc Am Assoc Cancer Res*: 3106, 2001.
330. Bharaj B, **Scorilas A**, Gaii M, Diamandis EP. Dinucleotide repeat length polymorphism on the 3' untranslated region of the SRD5A2 gene in breast cancer. *Proc Am Assoc Cancer Res*: 2668, 2001.
331. Yousef GM, **Scorilas A**, Jung K, Ashworth L, Diamandis EP. Molecular cloning of a new human kallikrein gene, KLK15, which is up-regulated in prostate cancer. *Proc Am Assoc Cancer Res*: 4017, 2001.

332. Magklara A, **Scorilas A**, Katsaros D, Fracchioli S, Rigault de la Longrais, Piccinno R, Yousef GM, Diamandis EP. The prognostic value of human KLK8 (Neuropsin/Ovasin) in ovarian cancer and evidence for alternative splicing. *Proc Am Assoc Cancer Res*: 4194, 2001.
333. Hoffman B, Katsaros D, **Scorilas A**, Diamandis P, Fracchioli, Rigault de la Longrais I, Diamandis EP. Tumor specific activity of kallikrein 6 protein is a prognostic marker of ovarian carcinoma. *Proc Am Assoc Cancer Res*: 243, 2001.
334. Luo Y, Katsaros D, **Scorilas A**, Fracchioli S, Massobrio M, Diamandis EP. Human kallikrein 10 (hK10, normal epithelial cell-specific 1, NES1) is a new prognostic biomarker for ovarian carcinoma. *Proc Am Assoc Cancer Res*: 3107, 2001.
335. Yousef GM, Kyriakopoulou L, **Scorilas A**, Ponzzone R, Gai M, Sismondi P and Diamandis EP. A novel potential prognostic marker for breast carcinoma. *Proc Am Assoc Clin Chem*: 430, 2001.
336. Kyriakopoulou L, Yousef GM, **Scorilas A**, Katsaros D, Massobrio M, Fracchioli S and Diamandis EP. A novel prognostic marker in ovarian cancer. *Proc Am Assoc Clin Chem*: 437, 2001.
337. Yousef GM, **Scorilas A**, Kyriakopoulou LG, Rendel L, Diamandis M, Ponzzone R, *Diamandis EP*. Human kallikrein gene 5 (KLK5) expression by quantitative PCR: an independent indicator of poor prognosis in breast cancer. *Proc Can Breast Cancer Res Soc*: 195, 2001.
338. **Scorilas A**, Diamandis EP. Synthesis of a new streptavidin-based macromolecular complex labeled with a europium chelator and its immunoassay applications. *Proc Am Assoc Clin Chem*: 17, 2000.
339. **Scorilas A**, Kyriakopoulou L, and Diamandis EP. Cloning of a human gene, encoding a member of the Ser/Arg-rich family of proteins that interact with RNA Pol-II. *Proc Can Assoc Clin Chem*: 42, 2000.
340. Obiezu CV, **Scorilas A**, Kim H and Diamandis EP. Prostase/KLK-L1 is differentially expressed in normal/benign versus malignant ovarian tissues. *Proc Can Assoc Clin Chem*: 29, 2000
341. **Scorilas A**, Grass L and Diamandis EP. Biotechnology applications using a new streptavidin-based macromolecular complex labeled with a europium chelator (BCPDA) and monoclonal anti-BCPDA antibodies. *Proc Am Assoc Clin Chem*: 82, 2000.
342. **Scorilas A**, Kyriakopoulou L, Yousef GM and Diamandis EP. Mapping, molecular characterization, and tissue expression of a human homolog of the rat A1 gene. *Proc Endocrinol Soc*: 437, 2000.
343. **Scorilas A**, Bharaj B, Hoffman B, Gai M and Diamandis EP. The Genotypes of the 5 α -reductase gene are related with PSA expression and risk in sporadic breast cancer. *Proc Am Assoc Cancer Res*: 5116, 2000.
344. Hoffman B, **Scorilas A**, Diamandis EP, Gai M, Levesque MA and Bharaj B. A prevalent polymorphism in the proximal androgen response element of the prostate specific antigen gene and its implications in breast cancer prognosis. *Proc Am Assoc Cancer Res*: 596, 2000.
345. Magklara A, **Scorilas A**, Catalona WJ and Diamandis EP. Human glandular kallikrein (hK2) and prostate specific antigen (PSA) in prostate and breast cancer. *Proc Am Assoc Cancer Res*: 248, 2000.
346. **Scorilas A**, Bharaj B, Gai M, Diamandis EP. Polymorphisms in the human 5 α -reductase gene and breast cancer. *Proc AACR-NCI-EORTC*: 481, 1999.
347. Magklara A, **Scorilas A**, Catalona WJ and Diamandis EP. The ratio of human glandular kallikrein (hK2) to free PSA as a new potent marker for the discrimination between prostate

cancer and benign prostatic hyperplasia in patients with moderately elevated total PSA levels. *Proc AACR-NCI-EORTC*: 483,1999.

348. **Scorilas A**, Diamandi A, Khosravi MJ, Levesque MA, Lopez-Otin C, De Los Toyos J, Sampedro A, Giai M, Ponzzone R, Roagna R, Sismondi P, Diamandis EP. Determination of pepsinogen C concentration in breast tumor cytosols by a highly sensitive immunofluorometric assay and its association with other prognostic variables. *Clin Chem*: 414, 1999.
349. **Scorilas A**, Karameris A, Arnogiannaki N, Yotis I, Ardavanis A and Talieri M. Overexpression of matrix-metalloproteinase-9 correlates with good prognosis in node-negative breast cancer patients. *Proc Int Proteol Soc*: 42, 1999.
350. **Scorilas A**, Diamandis EP, Levesque MA, Diamandi A, Khosravi MJ, Giai M, Ponzzone R, Roagna R, Sismondi P, Lopez-Otin C. Pepsinogen C, an independent favorable prognostic factor in node-positive breast cancer patients. *Proc Am Assoc Cancer Res*: 1359,1999.
351. Obiezu CV, Giltay EJ, Magklara A, **Scorilas A**, Gooren L, Yu H and Diamandis EP. Dramatic suppression of serum prostate specific antigen and human glandular kallikrein by antiandrogens in male to female transsexuals. *Proc Int Soc Enzym*: 6, 1999.
352. Bharaj B, **Scorilas A**, Hoffman B Giai M, Diamandis EP. A novel ARE-1 polymorphism in the promoter region of the prostate specific antigen gene in both healthy and with breast cancer females. *Clin Chem*, 45: 116,1999.
353. Panagou P, Karameris A, **Scorilas A**, Tsipra S, Kakava D, Tsintiris K, Kalogeropoulos N. Expression of Bcl-X and CD-95 molecules in asthma. *Eur Respir J*: 0811, 1998.
354. Papadopoulou S, Arnogiannaki N, Yiotis I, **Scorilas A**, Balodimou F, Plataniotis G, Agnantis N, Talieri M. Analysis of expression patterns of uPA, PAI-1, Cathepsin B and D in colon cancer. *Proc AACR-APMIS*, B-55,1998.
355. Papadopoulou S, Arnogiannaki N, Besbeas S, Papapanagiotou B, Filopoulos E, Yotis I, Agnantis N, **Scorilas A**, Talieri M. Comparative analysis of expression patterns of uPA, PAI-1, Cathepsin B and matrix metalloproteinase-2 (MMP-2) in colon cancer. *Proc Deuts Forschungf*: 20, 1997.
356. Ardavanis A, **Scorilas A**, Pateras C, Garoufali G, Missitzis I, Amanatidou A, Apostolikas N, Rigatos G, Yiotis I. Increased cathepsin-D levels can predict for early treatment failure in breast cancer patients. *Proc Europ Soc Med Oncol*: 59, 1996.
357. **Scorilas A**, Yotis I, Apostolikas N, Gouriotis D, Keramopoulos A, Ampela K, Trangas T and Talieri M. C-erbB-2 amplification and overexpression in breast cancer patients: Correlation to c-myc amplification and overexpression as well as to other prognostic factors. *Proc Mediter Soc Tum Mar Oncol*: 76, 1994.
358. **Scorilas A**, Yotis I, Kourtis N, Ioannidis P, Trangas T and Talieri M. Cathepsin-D levels in breast cancer, relationship with c-myc and c-erbB-2 oncogene amplification and overexpression and node invasiveness. *Anticancer Res*, 12: 433, 1992.

Patents

1. **Scorilas A**, Avgeris M, Thomaidis NS, Voulgaris N, Adamopoulos PG. Detection and mutational analysis of an RNA virus in an environmental sample. (International application No. PCT/EP2021/057316 - International filing date 22.03.2021).
2. **Scorilas A**, Diamandis EP. Novel BCL2 related proline rich protein (BPR). US Patent. No 09/953352; September 14, 2001.
3. **Scorilas A**, Diamandis EP. Human Ser/Arg-rich protein. US Patent. No 11757.48-US-P1; Jun. 8, 2000.
4. **Scorilas A**, Diamandis EP. Novel testis specific kinase substrate. US Patent. No 11757.47-US-P1; Jun. 8, 2000.
5. **Scorilas A**, Diamandis EP. Novel Adaptin Gene. Pending US Patent No 13780.58 deposited: 7/12/2000.
6. **Scorilas A**, Diamandis EP. Novel carcinoembryonic antigen-like protein, CEAL1 (Submitted to US patent office).

Selected Research Grants

1. Study of m6A epitranscriptome in bladder cancer (EpiRNA). *Organization*: Hellenic Foundation of Research and Innovation (H.F.R.I), 2023- (Coordinator).
2. Elucidation of risk factors and health determinants associated with PROGRESSION of Monoclonal Gammopathies to Multiple Myeloma. *Organization*: EU-HORIZON-MISS-2021-CANCER-02-03 (Project Title: ELMUMY) 2022-2026, (Partner).
3. Non-invasive molecular method for diagnosis and personalized post-treatment monitoring of bladder cancer (UROMARK). *Organization*: European Regional Development Fund of the European Union and Greek national funds through the Operational Program Competitiveness, Entrepreneurship and Innovation, under the call RESEARCH—CREATE—INN (Coordinator).
4. Study of Non-Code RNA (ncRNAs) in Cancer Cells and solid Tumors. Study and Clinical Evaluation of Novel Molecular Cancer Biomarkers. Grant of Stavros Niarchos Foundation, 2017-
5. Identifying Biomarkers Through Translational Research For Prevention and Stratification of Colorectal Cancer (TRANSCOLONCAN). EU Grant, COST Action CA17118, 2018-2020 (Partner).
6. New diagnostic and therapeutic tools against multidrug resistant tumors. COST Action CA17104, EU Grant, 2018-2020 (Partner).
7. Identification and Evaluation of Novel BIOMarkers for Early Diagnosis, PROgnosis, and Treatment MONitoring of Breast and Prostate Cancers, through the Development of Hypersensitive

- Molecular Methodologies (BIOPROMO). *Organization:* European Social Fund and Greek Ministry of Education (Thales), 2011-2015 (Coordinator).
8. INtegrating the emerging research Potential of the University of Athens Cancer Research Group in the European research area (INsPiRE). (*Partner and WP Coordinator*). *Organization:* Seven Framework Program (FP7), EU (2011-2014).
 9. Expression analysis and study of a novel molecular marker for the laboratory diagnosis, prognosis and treatment response prediction for prostate cancer. *Organization:* Ministry of Health and Social Solidarity, 2008-2010. (Coordinator).
 10. Development of a new prognostic and monitoring method of colon and gastric carcinoma. *Organization:* European Social Fund and General Secretary for Research and Technology of Greece (EPAN, PENED), 2005-2009. (Coordinator).
 11. Development of a novel molecular methodology for diagnosis, prognosis and treatment response prediction of prostate cancer patients (*Coordinator*). *Organization:* General Secretary for Research and Technology of Greece (EPAN E&T Greece-Canada), 2005-2008. (Coordinator).
 12. Development and study of novel molecular biomarkers for diagnosis, prognosis and prediction of therapy response in prostate cancer (*Coordinator*). *Organization:* European Social Fund and General Secretary for Research and Technology of Greece (EPAN E&T Greece-Czech Republic), 2005-2007. (Coordinator).
 13. Development of a novel molecular method for diagnosis, prognosis, and prediction of therapy response in nasopharyngeal cancer (NPC) (*Coordinator*). *Organization:* European Social Fund and General Secretary for Research and Technology of Greece (EPAN E&T Greece-Tunisia), 2005-2007). (Coordinator).
 14. Health improvement in Serbia through reinforcement of biomedical science and technology. *Organization:* Six Framework Program (FP6), EU, 2005-2008. (Partner).
 15. Development of a new molecular method for prediction of cytotoxic value of chemotherapeutic drugs through apoptosis induction. *Organization:* European Social Fund and Greek Ministry of Education (EPEAEK II), 2004-2006. (Coordinator).
 16. Novel Prognostic and Predictive Cancer Markers. *Organization:* National Institute of Health (NIH), USA, 2004-2006. (Partner).
 17. Development of a new prognostic and monitoring method of breast and ovarian cancer. *Organization:* European Social Fund and General Secretary for Research and Technology of Greece (EPAN, PENED), 2002-2006. (Coordinator).
 18. Expression analysis and study of the role of *BCL2L12*, a newly identified Bcl-2 family member, in sensitivity versus resistance of tumor cells to death-ligand- and drug-induced apoptosis.

Organization: European Social Fund and General Secretary for Research and Technology of Greece (Greek – Spain Cooperation), 2002-2005. (Coordinator).

19. Expression analysis of the novel gene, *SRA1*, in solid tumors: a new cancer biomarker?

Organization: European Social Fund and General Secretary for Research and Technology of Greece (Greek – Russian Cooperation), 2002-2004. (Coordinator).

20. Determination of antimicrobial and cytostatic effect of dinuclear complexes of copper (II) and cobalt (III) with mixed substitutes. *Organization:* European Social Fund and General Secretary for Research and Technology of Greece (Greek - Serbian Cooperation), 2001-2003(Coordinator).