

CURRICULUM VITAE

(Revised April 2025)

Dr. Andreas Scorilas, Ph.D
Professor

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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)
- ❖ **8 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 diagnostics
- 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.
- ❖ Clarification of the clinical value of kallikrein family genes and other cancer-related genes in various human neoplasms.
- ❖ Development of a novel ultra-sensitive and reliable molecular methodology for the quantitative determination of small non-coding RNA molecules (miRNA) – internationally established today.
- ❖ Development of a new ultra-sensitive and reliable molecular methodology for the detection and quantitative determination of mutant strains of SARS-CoV-2 in environmental and wastewater samples - internationally established today.

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

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

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| 47. J Cancer Science Therapy | 58. Molecular and Cellular Biochemistry |
| 48. J Clinical Endocrinology & Metabolism | 59. Nature Reviews Urology |
| 49. J Medicinal Chemistry | 60. Oncogene |
| 50. J Surgical Oncology | 61. Protein Expression & Purification |
| 51. Journal of Biomedicine and Biotechnology | 62. Prostate Cancer |
| 52. Journal of Oncology | 63. Talanta |
| 53. Journal of Photochem. and Photobiology
A Chemistry | 64. The International Journal of Biochemistry
& Cell Biology |
| 54. Mammalian Genome | 65. The Protein Journal |
| 55. Methods and Findings in Experimental and
Clinical Pharmacology | 66. The World Journal of Hypertension |
| 56. Molecular Cancer | 67. Thrombosis and Haemostasis |
| 57. Molecular Oncology | 68. Tumor 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), Pgague, 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, Ntanas-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, Ntanas-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, Ntanas-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, Ntanas-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, Ntanasis-Stathopoulos I, Malandrakis P, Gavriatopoulou M, Sideris DC, Kastritis 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-

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.
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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.
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3. Kontos CK and **Scorilas A**. Homo sapiens BCL2L12 variant 9 (*BCL2L12*) RNA, complete sequence, alternatively spliced. Accession # FJ868803, 2009.
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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.
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11. **Scorilas A**, Yousef GM and Diamandis EP. Homo sapiens testis-specific kinase substrate (*TSKS*) gene, complete cds. Accession # AF200923, 2001.
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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.

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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.
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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,
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11. **Scorilas A** and Diamandis EP. Bcl-2 related proline-rich protein. Accession # AAG29495 2001.
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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
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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.
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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
chemotrypsin 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.
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protease). Accession # Q9UBX7,2000.
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enzyme) Accession # P49862,2000.
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C. Abstracts in International Scientific Conferences

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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.
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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.

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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.
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 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

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

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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, Ntanas-Sathopoulos 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.
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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**, Avgeris M, Thomaidis NS, Voulgaris N, Adamopoulos PG. Mutational detection and screening of RNA virus using nested amplification and targeted next generation sequencing in low concentration samples. (OBI)-#20230100349 / 29-08-2024.
3. **Scorilas A**, Avgeris M, Thomaidis NS, Voulgaris N, Adamopoulos PG.. Detection and mutational analysis of an RNA virus in an environmental sample. (OBI)-#20210100091 / 11-02-2021.
4. **Scorilas A**, Diamandis EP. Novel BCL2 related proline rich protein (BPR). US Patent. No 09/953352; September 14, 2001.
5. **Scorilas A**, Diamandis EP. Human Ser/Arg-rich protein. US Patent. No 11757.48-US-P1; Jun. 8, 2000.
6. **Scorilas A**, Diamandis EP. Novel testis specific kinase substrate. US Patent. No 11757.47-US-P1; Jun. 8, 2000.
7. **Scorilas A**, Diamandis EP. Novel Adaptin Gene. US Patent. No 13780.58 deposited: 7/12/2000.
8. **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).