

Curriculum Vitae

Christos Tsatsanis, PhD, Professor of Clinical Chemistry

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Date of Birth: April 9th, 1968
Place of Birth: Athens, Greece
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EDUCATION & WORK EXPERIENCE

1987 - 1991 National Kapodistrian University of Athens, Greece, Biology Dept.
1991-1995 Graduate student at the Medical School, University of Crete, Greece and University of Glasgow, UK. Thesis title: "Oncogenes and retroviral insertion sites"
1/1995 – 4/1998 Postdoctoral Associate, Dept. of Medical Oncology, Fox Chase Cancer Center, Philadelphia, PA, USA
4/1998 – 11/1998 Postdoctoral Fellow, Dept. of Microbiology and Immunology, Kimmel Cancer Center, Thomas Jefferson University, Philadelphia, PA, USA
11/1998 – 6/2000 Military Service, Supervisor at the Laboratory of Clinical Biochemistry and Microbiology, Rhodes Military Hospital, Rhodes, Greece
1/2001 – present Faculty Member (since 2016 full Professor), Clinical Chemistry-Biochemistry Laboratory, Dept. of Laboratory Medicine, Medical School, University of Crete, Heraklion, Crete, Greece
1/2001 – 2014 Staff member, Clinical Chemistry Laboratory, University General Hospital of Heraklion, Heraklion, Crete, Greece
2014 – present Director Clinical Chemistry Laboratory, University General Hospital of Heraklion, Heraklion, Crete, Greece
4/2001 – 6/2001 Visiting Scientist, Dept. of Life Sciences, Lawrence Berkeley National Laboratories, University of California, Berkeley, CA, USA
2/2002 – 4/2002 Visiting Scientist, Kimmel Cancer Center, Thomas Jefferson University, Philadelphia, PA, USA
1/2004 – 6/2004 Visiting Scientist, TUFTS-New England Medical Center, Boston, MA, USA
6/2008 – 6/2009 Visiting Assistant Professor, TUFTS-New England Medical Center, Boston, MA, USA
8/2016 - 8/2017 Visiting Professor, Dept. of Translational Medicine, Lund University, Sweden
8/2017 - present Visiting Researcher, Dept. of Translational Medicine, Lund University, Sweden
2007 – present Accreditation as Clinical Chemistry specialist (EurClinChem) and European Specialist in Laboratory Medicine (EuSpLM)
2018 - present Affiliated Researcher, Institute of Molecular Biology and Biotechnology, Foundation of Research and Technology (IMBB-FORTH), Heraklion, Greece

ADMINISTRATIVE DUTIES

2001-2003 Member of the Research Committee, School of Medicine, University of Crete
2001-2002 Member of the Senate of the University of Crete as representative of the School of Medicine
2003-2014 Member of the Academic Affairs committee
2003-2014 Member of the Undergraduate studies committee
2011-2014 Member of the Steering Committee for the Interdepartmental Graduate Program “Molecular Biology-Biomedicine”
2004-present Member of the Steering Committee for the Graduate Program “Molecular Basis of Human Disease”
2003-2019 Head of the Laboratory Animal Care committee
2014 – 2017 Vice Dean, Medical School, University of Crete

2014- 2020	Member of the Research Committee of the University of Crete as representative of the Medical School and since 2017 Vice President.
2019- 2021	Scientific Coordinator of the Technology Transfer Office of the University of Crete
2021- present	Scientific Committee member of the Technology Transfer Office of the University of Crete
2022- present	Program Coordinator, International Program in Medicine, an English-taught medical program, University of Crete Medical School
2021 – present	Representative of Greece at the European Federation of Laboratory Medicine (EFLM) and member of the GA.

TEACHING EXPERIENCE UNDERGRADUATE COURSES

2000 – present	Laboratory Medicine, 5th Semester, Teaching using Problem Based Learning approach in small groups, Medical School, Univ. Of Crete (Course Director) The course focuses on teaching students the principles of Laboratory Medicine before embarking on clinical training (5 ECTS).
2001 – present	Molecular Medicine, 5th semester, topic: Molecular basis of Cancer, Medical School, Univ. Of Crete
2001 – 2008	Molecular Oncology, 5th semester, Medical School, Univ. Of Crete
2011 – present	Basic Research in Medicine, 7th Semester (Course Director)

SUPERVISION OF PhD THESIS

Anna Christoforidou, MD (2003-2007)	The role of Tpl2, Pim1 και Gfi1 in hematologic neoplasias. Awarded: 2007. Current Position: Attending, Hematology Dept, University Hospital of Thrace, Alexandroupolis, Greece.
Ariadne Androulidaki, BSc, (2003-2007)	The role of neuropeptides of CRF family in inflammation. Current Position: Postdoctoral EMBO Fellow, University of Cologne, Germany
Vassiliki Zacharioudaki, BSc, MSc (2005-2009)	Adiponectin as a modulator of inflammatory responses Awarded: 2009. Current Position: Postdoctoral Fellow, Vrije University, Brussels, Belgium.
Christina Doxaki, BSc, MD (2008-2015)	Regulation of miRNA expression during inflammation and their role in endotoxin tolerance.
Eleni Vergadi, MD, MSc (2010-2015)	Contribution and regulation of M1/M2 macrophages in lung inflammation and pulmonary hypertension
Konstantina Lyroni (2012-2018)	Regulation of the inflammatory phenotype in adipocytes
Eleftheria Ieronymaki (2012-2019)	The role of metabolism in macrophage activation
Ourania Kolliniati (2019-2023)	Mechanisms of Autophagy in macrophages
Maria Daskalaki (2017-2023)	Epigenetic regulation of inflammatory genes in macrophages
Elina Paflioti (2019 – present)	The contribution of fibroblasts in inflammatory responses

SUPERVISION OF POSTDOCTORAL FELLOWS

Ariadne Androulidaki, PhD, 2007-2009	Supported by AICR. Current Position: Researcher, University of Cologne, Germany
Alicia Arranz de Miguel, PhD 2008-2011	Supported by US-DOD and a fellowship from the Spanish secretariat of Research. Current Position: Insitute Severo Ochoa, Madrid, Spain.
Yeny Martinez de la Torre, PhD, 2010-2012	Marie Curie Fellow, supported by FP7 TACIT. Current position: Postdoctoral Fellow IRB Barcelona, Spain

Ismeni Alexaki, PhD 2012	Supported by FP7 TACIT; Present Position: Senior Researcher, Dresden University, Germany
C. Deligianni, PhD, 2013-2014	Supported by FP7 REGPOT, Present position, Postdoctoral Fellow, Mt Sinai Medical School, NY
Eleni Vergadi, MD, PhD, 2016-2020	Supported by ELIDEK fellowship, Present position: Assistant Professor of Pediatrics, Univ. of Crete Medical School
Konstantina Lyroni, MD, PhD, 2018-2019	Supported by EΔBM34 fellowship, Present position: MD resident
Eleftheria Ieronymaki, PhD 2019-2022	Supported by ‘Ερευνω-Καινοτομώ’ grant
Maria Daskalaki, PhD, 2023-present	Supported by a Hellenic GSRT grant

EXTERNAL EVALUATOR-OPPONENT IN INTERNATIONAL PhD THESES

Department of Biochemistry, Singapore University, Singapore (2004, 2006)
Department of Molecular and Cell Biology, Universidad Complutense Madrid, Spain (2008)
Department of Anatomy, Aarhus Medical School, Aarhus, Denmark (2009)
Open University, UK and Stazione zoologica Anton Born, Napoli, Italy (2024)

EDITORIAL BOARD MEMBERSHIP

2014-2018 Journal of Immunology, American Association of Immunology, Associate Editor (2 terms)
2023-Present Frontiers in Immunology, Associate Editor

ORGANIZATION OF CONFERENCES-SUMMER SCHOOLS

1. Annual Meeting of the Hellenic society of Clinical Chemistry, Athens 10/2011 (member of the scientific committee)
2. Annual Meeting of the Hellenic Society for Biochemistry and Molecular Biology, Crete 11/2012 (member of the scientific committee)
3. Annual Meeting of the Hellenic society of Clinical Chemistry, Athens 10/2012 (member of the scientific committee)
4. Inflammation, Cancer and novel therapeutics, Summerschool and Conference, Crete www.inflacare2012.gr 9/2012 (Main Organizer)
5. “Inflammatory Networks in Health and Disease Symposium”, Crete, Greece 10/2014 (Main organizer)
6. “Endocrine Aspects in Andrology”, Heraklion Crete, Greece 4/2015 (Main organizer)
7. “13th Annual Meeting of the Hellenic Society of Clinical Chemistry, Heraklion, Crete, Greece 10/2015 (Main Organizer)
8. EUROMEDLAB 2017, EFLM-IFCC meeting, Athens, Greece 5/2017 (Member of the scientific committee)
9. Annual Meeting of the Hellenic society of Clinical Chemistry, Athens 10/2020 (President of the Scientific Committee)
10. 3rd IFCC, EFLM AFCB “Laboratory Medicine for mobile societies”, Heraklion, 2022 (President of the Scientific Committee)
11. Annual Meeting of the Hellenic Society of Clinical Chemistry, Athens 10/2023 (Member of the Scientific Committee)
12. Annual Meeting of the Hellenic Society of Clinical Chemistry in conjunction with IFCC-SD meeting on Mass Spectrometry in diagnostics, Athens 11/2024 (President of the Scientific Committee)

GRANTED PATENTS

1. PCT (International Publication Number): WO 2008/155534 A2; EPO-UK 711948,0: Neuroprotective synthetic spiro-neurosteroids. Gravanis, A, Calogeropoulou M, Charalampopoulos I, Castanas E, Margioris A, Tsatsanis C, Alexis M., Alexaki V, Vergou V., Neophytou N.
2. US-Patent Apr.14,2022, Publication Number: US2022/0112208A1; COMPOUNDS WITH ANTIINFLAMMATORY ACTIVITY AND METHODS OF USE THEREOF, Carlos M. Duarte, Susana Agusti, Mariusz Jaremko, and Lukasz Jaremko, Vasileios Roussis, Efstathia Ioannou, and Aikaterini Koutsaviti, Christos Tsatsanis, Sotirios Kampranis, Maria Daskalaki

RESEARCH FUNDING

1. Hellenic Secretariat of Research and Technology PENED 2001 ΕΔ-386 (September 2002-April 2006): Development of a CRHR2 antagonist for studies on regulation of the stress-immune system axis. Role: Principal Investigator Budget: € 44,000
2. Association for International Cancer Research (UK) (AICR-03-061) (2003-2006): Immunomodulation by tumor derived neuropeptides. Role: Principal Investigator (€ 110,000)
3. Association for International Cancer Research (UK) (AICR-07-077) (2007-2010): Immunomodulation by tumor derived neuropeptides. Role: Principal Investigator (€ 135,000)
4. US Department of Defense, Congressionally-Directed Breast Cancer Research Program (USA) (DOD-BC-0695) (2007-2009): The impact of stress on tumor growth; the role of peripheral corticotrophin releasing hormone. Role: Principal Investigator (\$98,000)
5. Novosom AG (Germany) (2007-2011): The role of CD40 in inflammatory diseases. Role: Principal Investigator (€ 60,000)
6. EU, Marie Curie Action, IAPP (EU-FP7) (2009-2013): Targeted Amphoteric Carriers for Immune Therapy (TACIT). Role: Principal Investigator (€300,000- συνολικός προϋπολογισμός €996,000)
7. Association for International Cancer Research (UK) AICR-11-0505 (June 2011 – May 2014): Immunomodulation against cancer. Role: Principal Investigator Budget: € 150,000
8. EU, FP7-REGPOT Grant # 285948 (2012-2015): TransPOT-Enhancing the Translational Research Potential of The University of Crete Medical School, Role: Partner, member of the Steering Committee (Coordinator: Dr. A G. Eliopoulos) Total budget: €3,040,000
9. Hellenic Ministry of Education, grant ‘THALIS’ (2012-2015): FATVESSEL
Role: Principal investigator of Partner 2 and member of the Steering committee Local Budget: €90,000
10. Hellenic Ministry of Research, “Excellence” grant (awarded to the best scientists in Greece independent of discipline) (2012-2015): IMMUNOMETABOLISM Role: Principal Investigator Budget: €173000
11. Hellenic Ministry of Research, ΣΥΝΕΡΓΑΣΙΑ 2 (2012-2015): The natural compound NRG as anti-inflammatory agent. Role: Partner, Partner budget: €202,000
12. Hellenic Ministry of Education Grant EDBM-Research Teams (Jan. 2018-Nov. 2019) (€50,500) Coordinator
13. Hellenic Ministry of Research Grant CBMR (Nov. 2017-Nov. 2021) (€105,000) Partner
14. Hellenic Ministry of Research Grant Ερευνω-Καινοτομω- MEDSushi (2018-2022) (€199,000) Partner
15. Hellenic Ministry of Research Grant Ερευνω-Καινοτομω- iFUNFoods (2018-2023) (€124,000) Partner
16. EU H2020 program, AQUABIOPROFIT (2018-2023) (€ 224,000) Partner
17. EU Horizon Europe MSCA-SE program CardioScope (2023-2027) (€ 232,000) Partner
18. EU Blue Partnership Programme, BLUEWAYSE (2024-2028) (€60,000) Partner
19. Hellenic Ministry of Research Grant SusAgriFood (2024-2026) (€250,000) Partner

INVITED REVIEWER IN INTERNATIONAL RESEARCH FUNDING AGENCIES

Austrian Science Fund, Austria
Research Ministry of Portugal
Academic Research Fund, Singapore
International Union against Cancer (UICC)
Medical Research Council (MRC) UK
Biotechnology and Biological Sciences Research Council (BBSRC), UK
INSERM-France
Fontation Innovations Infectiologie (FINOVI) -France

Fonds National de la Recherche Luxembourg (FNR)- Luxembourg
 European Research Council (ERC) EU
 European Commission IF-Marie Curie Program, Evaluator and Rapporteur
 European Commission FET-Open Program, Evaluator and Rapporteur
 European Commission REA-SCI-1 Program, Panel Member
 European Commission REA-Pathfinder Horizon Europe
 CINECA Italy
 European Commission HADEA- HEALTH-DISEASE-2022 Horizon Europe, Panel Member
 European Commission HORIZON-EIC-Pathfinder Open-2023, Crossreader and Panel Member
 European Commission HORIZON-HEALTH-2023, Horizon Europe, Recorder
 European Commission HORIZON-EIC-Pathfinder 2024- Crossreader and Panel Member

INVITED REVIEWER IN INTERNATIONAL JOURNALS (selected list of journals)

Cell Reports, Circulation, Journal of Immunology; Nature Communications, Journal of Cellular Physiology; European Journal of Endocrinology; American Journal of Physiology; FEBS Letters; FEBS Journal; Infectious Disease Reports; British Journal of Pharmacology; Immunology; Regulatory Peptides; Molecular Medicine; Molecular Cancer; Cardiovascular Research; Swiss Medical Weekly; International Journal of Cancer; International Journal of Oncology; International Journal of Molecular Medicine; Journal of Neurochemistry; Oncology Reports; Biochimie; Cellular Toxicology; , Scientific Reports, Cellular and Molecular Immunology; Science Translational Medicine; Nature Communications

SELECTED INVITED SEMINARS

2/2016 Medical University of Vienna, Austria
 6/2014 Medical School, Lund University, Sweden
 6/2011 Medical School, Katholieke Universiteit Leuven, Belgium
 5/2009 Tufts Medical Center, Tufts Medical School, Boston, MA, USA
 4/2008 J. Burns Medical School, University of Hawaii, Honolulu, USA
 3/2006 Dept. of Molecular Neuroendocrinology, Max-Planck Research Institute, Goettingen, Germany
 2/2004 Molecular Oncology Research Institute, TUFTS-Medical Center, Boston, USA
 2/2003 Dept. Of Veterinary Pathology, University of Glasgow, Glasgow, UK
 2/2002 Dept. of Molecular Neuroendocrinology, Max-Planck Research Institute, Goettingen, Germany
 5/2001 Laurence Berkeley Laboratories, University of California, Berkeley, USA

INVITATIONS IN INTERNATIONAL CONFERENCES-SUMMER SCHOOLS

International School of Medical Science, 7th Advanced Course on «Signal Transduction and communication in Cancer Cells», Erice, Italy, 2003
 Balkan Congress of Clinical Chemistry, Athens, 2008 (member of the scientific committee)
 2nd Summer School of Immunology, Kefalonia, Greece, 2009
 Inflammation and Cancer Summer School, Crete, Greece, 2010
 3rd Summer School of Immunology, Spetses, Greece, 2011
 European Society for Clinical Investigation Annual Meeting (Member of the organizing committee, workshop organizer), Crete, Greece, 2011
 2nd Summer School in Medical & Biosciences Research & Management, Neo Itilio, Mani, Greece, 2012
 4th Summerschool of Immunology, Athens, Greece, 2013
 3rd Summer School in Medical & Biosciences Research & Management, Neo Itilio, Mani, Greece, 2014
 5th Summerschool of Immunology, Porto Heli, Greece, 2015
 2nd School of Venous Thromboembolism, Halkidiki, Greece, 2015
 International Congress of Immunology ICI-2016, Melbourne, Australia, 2016
 6th Summer School on Medical & Biosciences Research & Management, Neo Itilio, Mani, Greece, 2017
 EUROMEDLAB 2017, EFLM-IFCC Congress, Athens, Greece, 2017
 International Retreat of PhD Students in Immunology, Verona, Italy, 2017 (Organized by the Italian Society of Immunology)
 1st IFCC, EFLM AFCB “Laboratory Medicine: Meeting the needs of Mediterranean Nations”, Rome, 2018
 EUROMEDLAB 2023, EFLM-IFCC Congress, Rome, Italy, 2023

SPOKEN LANGUAGES

Greek	Native
English	Fluent; Cambridge Certificate of Proficiency in English (1987)
German	Moderate; Mittelstufenprüfung (1990)

PUBLICATION Metrics

Number of Publications: 127 (PubMed)
Citations (ISI): 7474 (2 highly cited papers)
H-index (ISI): 46
Citations (Google Scholar): 11262
H-index (Google Scholar): 55

Selected Publications (out of 127 in PubMed)

1. C. Tsatsanis, C. Patriotis, S.E. Bear and P. N. Tsihchlis. The Tpl-2 protooncogene activates NFAT and induces IL-2 expression in T-cells. 1998 *Proc. Natl. Acad. Sci. USA* 95:3827-3832
2. Tsatsanis C, Patriotis C, Tsihchlis PN. Tpl-2 induces IL-2 expression in T-cell lines by triggering multiple signaling pathways that activate NFAT and NF-kappaB. *Oncogene*. 1998
3. C. D. Dumitru, J.D. Ceci, C. Tsatsanis, D. Kontoyiannis, K. Stamatakis, J-H Lin, C. Patriotis, G. Kollias, N.A. Jenkins, N.G. Copeland and P.N. Tsihchlis. TNF- α induction by LPS is regulated posttranscriptionally via a Tpl-2/ERK-dependent pathway. 2000 *Cell* 103:1071-1083.
4. Christoforidou AV, Papadaki HA, Margioris AN, Eliopoulos GD, Tsatsanis C. Expression of the Tpl2/Cot oncogene in human T-cell neoplasias. *Mol Cancer*. 2004 Dec 3;3(1):34
5. Tsatsanis C, Androulidaki A, Venihaki M, Margioris AN. Signalling networks regulating cyclooxygenase-2. *Int J Biochem Cell Biol*. 2006;38(10):1654-61
6. Tsatsanis C, Androulidaki A, Alissafi T, Charalampopoulos I, Dermitzaki E, Roger T, Gravanis A, Margioris AN. Corticotropin-releasing factor and the urocortins induce the expression of TLR4 in macrophages via activation of the transcription factors PU.1 and AP-1. *J Immunol*. 2006 Feb 1;176(3):1869-77
7. Tsatsanis C, Vaporidi K, Zacharioudaki V, Androulidaki A, Sykulev Y, Margioris AN, Tsihchlis PN. Tpl2 and ERK transduce anti-proliferative T cell receptor signals and inhibit transformation of chronically-stimulated T cells. 2008 *Proc. Natl. Ac. Sci. USA*, 105:2987-2992
8. Vaporidi K, Voloudakis G, Priniannakis G, Kondili E, Koutsopoulos A, Tsatsanis C, Georgopoulos D. Effects of respiratory rate on ventilator-induced lung injury at a constant PaCO₂ in a mouse model of normal lung. *Crit Care Med*. 2008 Apr;36(4):1277-83
9. Zacharioudaki V, Androulidaki A, Arranz A, Margioris AN and Tsatsanis C. Adiponectin promotes endotoxin tolerance in macrophages by inducing IRAK-M. *J. Immunol*. 2009 182(10):6444-51
10. Androulidaki A, Iliopoulos D, Arranz A, Doxaki C, Schworer S, Zacharioudaki V, Margioris AN, Tsihchlis PN, Tsatsanis C. The kinase Akt1 controls macrophage response to lipopolysaccharide by regulating microRNAs. *Immunity*. 2009 Aug 21;31(2):220-31
11. Arranz A., Doxaki C., Vergadi E., Martinez Y., Vaporidi K., Vanihaki M., Lagoudaki E., Stathopoulos E., Margioris A., Tsihchlis PN and Tsatsanis C. Akt1 and Akt2 differentially contribute to macrophage polarization. *Proc. Natl. Acad. Sci. USA*, 2012 109(24):9517-22
12. Serebrennikova, O.B., Tsatsanis, C., Mao, C., Gounaris, E., Ren, W., Siracusa, L.D., Eliopoulos, A.G., Khazaie, K., and Tsihchlis, P.N. Tpl2 ablation promotes intestinal inflammation and tumorigenesis in Apcmin mice by inhibiting IL-10 secretion and regulatory T-cell generation. *Proc Natl Acad Sci U S A*, 2012, 109, E1082-1091.
13. I. Karakasilioti, I. Kamileri, T. Kosteas, E. Vergadi, A. Rasile-Robinson S. Siakouli, C. Tsatsanis, L. Niedernhofer and G. A. Garinis. DNA damage triggers a chronic auto-inflammatory response leading to fat depletion in NER progeria. *Cell Metab*. 2013, 18(3):403-15
14. E. Vergadi, K Vaporidi, E Theodorakis, C Doxaki, E Lagoudaki, E Ieronymaki, V I. Alexaki, M Helms, E Kondili, B Soennichsen, E N. Stathopoulos, A N. Margioris; D Georgopoulos and C Tsatsanis Akt2 deficiency protects from acute lung injury via alternative macrophage activation and miR-146a induction *J. Immunol*. 2014;192(1):394-406

15. Doxaki C, Kampranis SC, Eliopoulos AG, Spilianakis C and C. Tsatsanis. Coordinated Regulation of miR-155 and miR-146a Genes during Induction of Endotoxin Tolerance in Macrophages. *J Immunol*. 2015 Dec 15;195(12):5750-61
16. Al-Qahtani AA, Lyroni K, Aznaourova M, Tseliou M, Al-Anazi MR, Al-Ahdal MN, Alkahtani S, Sourvinos G, Tsatsanis C. Middle east respiratory syndrome corona virus spike glycoprotein suppresses macrophage responses via DPP4-mediated induction of IRAK-M and PPAR γ . *Oncotarget*. 2017 Feb 7;8(6):9053-9066
17. Vergadi E, Ieronymaki E, Lyroni K, Vaporidi K, Tsatsanis C. Akt Signaling Pathway in Macrophage Activation and M1/M2 Polarization. *J Immunol*. 2017 Feb 1;198(3):1006-1014.
18. Lyroni K, Patsalos A, Daskalaki MG, Doxaki C, Soennichsen B, Helms M, Liapis I, Zacharioudaki V, Kampranis SC, Tsatsanis C. Epigenetic and Transcriptional Regulation of IRAK-M Expression in Macrophages. *J Immunol*. 2017 Feb 1;198(3):1297-1307.
19. Alexaki VI, Fodelianaki G, Neuwirth A, Mund C, Kourgiantaki A, Ieronimaki E, Lyroni K, Troullinaki M, Fujii C, Kanczkowski W, Ziogas A, Peitzsch M, Grossklaus S, Sönnichsen B, Gravanis A, Bornstein SR, Charalampopoulos I, Tsatsanis C, Chavakis T. DHEA inhibits acute microglia-mediated inflammation through activation of the TrkA-Akt1/2-CREB-Jmjd3 pathway. *Mol Psychiatry*. 2017;23(6):1410-1420.
20. Daskalaki MG, Tsatsanis C, Kampranis SC. Histone methylation and acetylation in macrophages as a mechanism for regulation of inflammatory responses. *J Cell Physiol*. 2018 Sep;233(9):6495-6507.
21. Silva MC, Davoli-Ferreira M, Medina TS, Sesti-Costa R, Silva GK, Lopes CD, Cardozo LE, Gava FN, Lyroni K, Dias FC, Frade AF, Baron M, Alves-Filho JC, Cunha FQ, Tsatsanis C, Chevillard C, Cunha-Neto E, Hirsch E, Silva JS, Cunha TM. Canonical PI3K γ signaling in myeloid cells restricts Trypanosoma cruzi infection and dampens chagasic myocarditis. *Nat Commun*. 2018 Apr 17;9(1):1513.
22. Vergadi E, Vaporidi K, Tsatsanis C. Regulation of Endotoxin Tolerance and Compensatory Anti-inflammatory Response Syndrome by Non-coding RNAs. *Front Immunol*. 2018 Nov 20;9:2705
23. Ieronymaki E, Theodorakis EM, Lyroni K, Vergadi E, Lagoudaki E, Al-Qahtani A, Aznaourova M, Neofotistou-Themeli E, Eliopoulos AG, Vaporidi K, Tsatsanis C. Insulin Resistance in Macrophages Alters Their Metabolism and Promotes an M2-Like Phenotype. *J Immunol*. 2019;202(6):1786–1797. doi:10.4049/jimmunol.1800065
24. Ieronymaki E, Daskalaki MG, Lyroni K, Tsatsanis C. Insulin Signaling and Insulin Resistance Facilitate Trained Immunity in Macrophages Through Metabolic and Epigenetic Changes. *Front Immunol*. 2019;10:1330. Published 2019 Jun 12. doi:10.3389/fimmu.2019.01330
25. Daskalaki MG, Bafiti P, Kikionis S, Laskou M, Roussis V, Ioannou E, Kampranis SC, Tsatsanis C. Disulfides from the Brown Alga Dictyopteris Membranacea Suppress M1 Macrophage Activation by Inducing AKT and Suppressing MAPK/ERK Signaling Pathways. *Mar Drugs*. 2020 Oct 24;18(11):527. doi: 10.3390/md18110527
26. Koutsaviti A, Daskalaki MG, Agusti S, Kampranis SC, Tsatsanis C, Duarte CM, Roussis V, Ioannou E. Thuwalallenes A-E and Thuwalenyne A-C: New C15 Acetogenins with Anti-Inflammatory Activity from a Saudi Arabian Red Sea Laurencia sp. *Mar Drugs*. 2019 Nov 15;17(11):644
27. Axarlis K, Daskalaki MG, Michailidou S, Androulaki N, Tsourekis A, Mouchtaropoulou E, Kolliniati O, Lapi I, Dermitzaki E, Venihaki M, Kousoulaki K, Argiriou A, Marsni ZE, Tsatsanis C. Diet Supplementation with Fish-Derived Extracts Suppresses Diabetes and Modulates Intestinal Microbiome in a Murine Model of Diet-Induced Obesity. *Mar Drugs*. 2021 May 11;19(5):268. doi: 10.3390/md19050268.
28. Daskalaki MG, Axarlis K, Aspevik T, Orfanakis M, Kolliniati O, Lapi I, Tzardi M, Dermitzaki E, Venihaki M, Kousoulaki K, Tsatsanis C. Fish Sidestream-Derived Protein Hydrolysates Suppress DSS-Induced Colitis by Modulating Intestinal Inflammation in Mice. *Mar Drugs*. 2021 May 28;19(6):312. doi: 10.3390/md19060312.
29. Pantazi I, Al-Qahtani AA, Alhamlan FS, Alotheid H, Matou-Nasri S, Sourvinos G, Vergadi E, Tsatsanis C. SARS-CoV-2/ACE2 Interaction Suppresses IRAK-M Expression and Promotes Pro-Inflammatory Cytokine Production in Macrophages. *Front Immunol*. 2021 Jun 23;12:683800. doi: 10.3389/fimmu.2021.683800
30. Kolliniati O, Ieronymaki E, Vergadi E, Tsatsanis C. Metabolic Regulation of Macrophage Activation. *J Innate Immun*. 2022 Jul 9:1-17. doi: 10.1159/000516780
31. Lapi I, Daskalaki MG, Axarlis K, Paflioti E, Tsihchlis PN, Vergadi E, Tsatsanis C. AKT Isoforms in Macrophage Activation, Polarization, and Survival. *Curr Top Microbiol Immunol*. 2022;436:165-19
32. Al-Qahtani AA, Pantazi I, Alhamlan FS, Alotheid H, Matou-Nasri S, Sourvinos G, Vergadi E, Tsatsanis C. SARS-CoV-2 modulates inflammatory responses of alveolar epithelial type II cells via PI3K/AKT pathway. *Front Immunol*. 2022 Oct 31;13:1020624

33. Tammam MA, Daskalaki MG, Tsoureas N, Kolliniati O, Mahdy A, Kampranis SC, Tsatsanis C, Roussis V, Ioannou E. Secondary Metabolites with Anti-Inflammatory Activity from *Laurencia majuscula* Collected in the Red Sea *Mar Drugs*. 2023 Jan 24;21(2):79
34. Mateska I, Witt A, Hagag E, Sinha A, Yilmaz C, Thanou E, Sun N, Kolliniati O, Patschin M, Abdelmegeed H, Henneicke H, Kanczkowski W, Wielockx B, Tsatsanis C, Dahl A, Walch AK, Li KW, Peitzsch M, Chavakis T, Alexaki VI. Succinate mediates inflammation-induced adrenocortical dysfunction. *Elife*. 2023 Jul 14;12:e83064. doi: 10.7554/eLife.83064
35. Vergadi E, Kolliniati O, Lapi I, Ieronymaki E, Lyroni K, Alexaki VI, Diamantaki E, Vaporidi K, Hatzidaki E, Papadaki HA, Galanakis E, Hajishengallis G, Chavakis T, Tsatsanis C. An IL-10/DEL-1 axis supports granulopoiesis and survival from sepsis in early life. *Nat Commun*. 2024 Jan 23;15(1):680

More information and complete list of publications at:

<https://scholar.google.gr/citations?hl=en&pli=1&user=KKvCaPkAAAAJ> and
<https://www.ncbi.nlm.nih.gov/pubmed/?term=tsatsanis+c>