

CURRICULUM VITAE

Name: Athanasia Mouzaki

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Education:

1977: High School Diploma (2nd Lyceon for Girls, Patras, GR).

1979: General Certificates of Education (GCEs) in Chemistry, Physics, Mathematics and English (Cambridge Board, UK).

1983: Bachelor's degree (B.Sc. with Honors) in Biological Sciences (Major: Physiology, Specialization: Cellular Toxicology) (University of Plymouth, UK).

Diploma thesis: "Response of the lymphoid organs of the laboratory mouse to Plasmodium yoelli infection".

1985: Master's degree (MSc.) in Biological Sciences (Immunology) (University of Salford, UK).

MSc thesis: "Gasterosteus aculeatus, Linnaeus: The lymphoid system, diseases and ecological correlates".

1988: Doctor of Philosophy (Ph.D.) (University of Salford, UK, Free University of Berlin, DE).

Ph.D. thesis: "The rat receptor for Interleukin-2".

Positions/Teaching appointments:

1983-1985: Part-time lecturer and laboratory demonstrator, Laboratory of Immunology, University of Salford, Greater Manchester, UK.

1985-1987: Research assistant, Institute of Immunology, Medical School, Free University, Klinikum Steglitz, Berlin, DE.

1987-1990: Assistante post-doctorante, Dpt. of Molecular Biology, University of Geneva, Geneva, CH.

1991-1992: Assistante post-doctorante, Div. of Hematology, Medical School, University Hospital, Geneva, CH.

1992-1995: Maitre Assistante, Div. of Hematology, Medical School, University Hospital, Geneva, CH.

1995-1997: Lecturer of Laboratory Hematology & Transfusion Medicine, Medical School, University of Patras, Patras, GR.

1997-2003: Assistant Professor of Laboratory Hematology & Transfusion Medicine, Medical School, University of Patras, Patras, GR.

2003-2009: Associate Professor of Laboratory Hematology & Transfusion Medicine, Division of Hematology, Dpt. of Internal Medicine, Medical School, University of Patras, Patras, GR.

Current appointment: Professor of Laboratory Hematology & Transfusion Medicine, Division of Hematology, Dpt. of Internal Medicine, Medical School, University of Patras, Patras, GR.

Teaching

To medical students: Main courses: The analysis and interpretation of blood tests, the lymphopoietic system, the pathogenesis of autoimmune diseases. Elective courses: Introduction to Laboratory Hematology, Immunohematology.

To post-graduate students in 3 post-graduate courses (for a Master's degree): Main courses: Immunology-clinical/cellular/molecular, research methodology, analysis of the scientific literature, how to write scientific articles. Elective courses: Laboratory training in Immunohematology methods.

Clinical duties

Responsible for the Laboratory of the Hellenic Center for Disease Control and Prevention in Patras, Greece. The laboratory measures the HIV viral load and performs HLA-B*5701 typing and genotypic analyses to determine drug-resistance and other mutations of individuals with established HIV-1 infection attending the Division of Infectious Diseases of the University Hospital, Patras, Greece. Responsible for the investigation of the prevalence of HIV-1 subtypes in southwestern Greece.

Responsible for the Laboratory of Molecular Diagnosis of Infectious Agents, Medical School, University of Patras, which runs molecular diagnostic tests for the 6th Health District of Greece for the detection of viruses such as SARS-CoV-2, Monkeypox, Influenza A and B, RSV.

Administrative duties

Established the research laboratory of Immunohematology and participated in the setting and start-up of common research facilities of the Medical School, University of Patras.

Member (1/5) of a committee appointed by the Health Ministry to design the application of molecular testing for viruses in the Blood Centers of Greece.

Established the Laboratory of Molecular Diagnosis of Infectious Agents of the Medical School, University of Patras.

Member (1/3) of a committee that runs the quality control of the post-graduate course "Biomedical Sciences" of the Medical School, University of Patras.

Member of the General Assembly of the Medical School, University of Patras, for the acad. years 1995-96, 1998-99, 2001-02, 2006-07, 2011-12, 2015-24.

Member (since 1995) of a committee that organizes and supervises the laboratory courses of the students of the Medical School, University of Patras. Head of the committee since 2009.

Vice President of the post-graduate program Medicinal Chemistry, Biological Chemistry (Dpt. of Chemistry and Medical School, University of Patras) for acad. years 2018-24.

Member of electoral boards for the election of faculty in Hematology and Immunology in all Greek Universities and the Biomedical Research Foundation of the Academy of Athens, Athens, Greece.

Member of 11 Scientific Societies. Founding member of the Hellenic Society of Neuroimmunology.

Main research interests

IL-2, HIV-1: Study the transcriptional regulation of the IL-2 gene and the virus HIV-1 in naive, memory and regulatory T helper lymphocytes, with emphasis on genomic conflict.

T-cells & Cytokines: Characterization of effector and regulatory T-cell populations in autoimmune and inflammatory diseases.

Identification of errors in the transcriptional regulation of cytokine genes in effector and regulatory T-cells from patients suffering from autoimmune diseases.

Development of antigen-specific T cells for immunotherapy in cancer and autoimmune diseases.

Leptin: Role of leptin and its receptor in autoimmune and hematologic diseases.

Microbiome and immune cells: Molecular interaction in the pathogenesis of autoimmune and inflammatory diseases and cancer.

Research grants

Recipient of 34 research grants (PI or co-PI) amounting to approximately 5M €. My share of these grants amounted to 1,441,374 €.

Supervisor of post-graduate students

Supervisor in 18 Ph.D. Theses (15 completed)

Supervisor in 42 MSc. theses (completed)

Supervisor in 14 Diploma projects (12 completed).

Co-supervisor and member of the examination committees of 76 Ph.D. theses (65 completed) and 20 MSc. theses (19 completed).

Current members of research laboratory

Post-doctoral scientists: 1

Post-graduate students: 3

Diploma students: 1

Scientific meetings - Participation in 125 international and national scientific meetings (invited in 89).

International Scientific Publications

Papers: **156**

Chapters in books: **3**

Abstracts: **153**

National Scientific Publications:

Papers: **5**

Chapters in books or proceedings volumes: **12**

Abstracts: **93**

Publication metrics (JOURNAL CITATION REPORTS-2022)

IF: mean:**6.81** / cumulative: **878.95**

IF of journals AM is 1st, 2nd, or last author: mean: **8.4** / cumulative: **646.2**

Citations: **4,437** / h-index: **35** / i10 index: **89**

see also: <https://scholar.google.gr/citations?user=Gr9XNVMAAAAJ&hl=en&oi=ao>

Reviewer for

JOURNALS:

Acta Haematologica

Advances in Research

American Journal of Physiology

Anti-Cancer Agents in Medicinal Chemistry

Antibodies

Archivum Immunologiae et Therapiae Experimentalis

Biomedicines

Biomolecules

Bioorganic Chemistry

Blood

Blood Transfusion

BMC Hematology

BMC Immunology

BMC Research Notes

Brain Sciences

British Journal of Medicine and Medical Research
British Journal of Pharmaceutical Research
Cancers
Cells
Cellular, Molecular Immunology
Clinica Chimica Acta
Clinical Immunology
Clinical Risk Management
Current Immunology Reviews
Current Issues in Molecular Biology (CIMB)
Current Medical Literature – Multiple Sclerosis
Current Medicinal Chemistry
Current Opinion in Investigational Drugs
Current Pharmaceutical Design
Cytokine
Endocrine, Metabolic, Immune Disorders - Drug Targets
European Journal of Clinical Investigation
European Journal of Dermatology
European Journal of Neurology
European Journal of Pediatrics
Food and Chemical Toxicology
Frontiers in Cellular and Infection Microbiology
Frontiers in Immunology
Frontiers in Medicine
Frontiers in Nutrition
Future Neurology
Genes and Immunity
Haema
Haematologica
Heliyon
Hormones
Immunological Investigations
ImmunoTargets and Therapy
International Aquatic Research
International Blood Research, Reviews
International Immunopharmacology
International Journal of Laboratory Haematology
International Journal of Medicine and Medical Sciences
International Journal of Molecular Sciences
International Journal of Nanomedicine
IUBMB Life
Journal of Advanced Research

Journal of Clinical Immunology
 Journal of Clinical Medicine
 Journal of Hematology, Oncology
 Journal of Immunological Methods
 Journal of Immunological Sciences
 Journal of Immunology
 Journal of Medicinal Chemistry
 Journal of Neuroimmunology
 Journal of Neurology, Neuromedicine,
 Journal of Pediatric Endocrinology and Metabolism
 Journal of Thrombosis and Haemostasis
 JSM Neurosurgery and Spine
 Letters in Drug Design, Discovery
 Mediators of Inflammation
 Medicinal Chemistry
 Molecular Immunology
 Neuroimmunomodulation
 Pharmaceutics
 PLOS ONE
 Recent Patents on Inflammation, Allergy Drug Discovery
 Scientific Reports
 The Open Autoimmunity Journal
 The Open Immunology Journal
 The Open Respiratory Medicine Journal
 Therapeutic Advances in Chronic Disease
 Therapeutics and Clinical Risk Management
 Thrombosis and Haemostasis
 Transfusion Medicine and Hemotherapy

SCIENTIFIC BOARDS:

Medical Research Council, UK,
 The Netherlands Organization for Research and Development,
 The Health Research Board in Ireland,
 The Research Promotion Foundation of Cyprus,
 Education and Health Research Boards in Greece (IKY, KeSY, grants co-funded by the Greek government and the European Social Fund).

Editorial duties

Guest Editor for an issue of Current Topics in Medicinal Chemistry (Bentham Science Publishers Ltd.). Title of issue: «Immunomodulators in Medicinal Chemistry and Drug Discovery». [Vol.6, number 16, pp.1655-1798, 2006]

Responsible for the preparation of the Greek Edition of the textbook “Lippincott’s Illustrated Reviews: Immunology”, 2nd Edition by T. Doan, R. Melvold, S. Viselli, C. Waltenbaugh, 2014 (ISBN: 978-960-394-985-2).

Section Editor, International Journal of Molecular Sciences, MDPI

Topic Editor, International Journal of Molecular Sciences, MDPI, Section: Molecular Immunology

Member of the Editorial Board, Biomolecules, MDPI

Member of the Editorial Board, International Journal of Molecular Sciences, MDPI

Topic Editor, Frontiers in Immunology

Associate Editor, Frontiers in Immunology

Associate Editor, Achaiki Iatriki [Official Journal of The Medical Society of Western Greece and Peloponnesus (IEDEP)]

Chapters in Books

Mouzaki A, Kupiec-Weglinski JW, Volk HD, Diamantstein T. 1989. In vivo action of anti-interleukin 2 receptor monoclonal antibodies. In: «Cellular Basis of Immune Modulation», pp.547-550, JG Kaplan, DR Green (Eds.), AR Liss Inc., New York.

Chatzantoni K, Mouzaki A. 2009. Immunomodulation in the nervous and vascular systems during inflammation and autoimmunity; the role of T regulatory cells. In: “Neurovascular Medicine: Pursuing Cellular Longevity for Healthy Aging”, K. Maiese (Ed.), Oxford University Press, New York. Chapter 14, pp. 345-366.

Chatzantoni K, Mouzaki A. 2010. Stem cell transplantation to treat severe refractory autoimmune diseases. In: “New Insights in Hematopoietic Cell Transplantation”, A. Spyridonidis, I. Sakellari (Eds.), Research Signpost, Kerala. Chapter 15, pp. 271-284.

Papers

1. Diamantstein T, Osawa H, Mouzaki A, Josimovic-Alasevic O. 1986. Regulation of interleukin-2 receptor expression and receptor release. *Mol. Immunol.*, 23(11):1165-1172. doi: 10.1016/0161-5890(86)90147-1
2. Mouzaki A, Volk HD, Osawa H, Diamantstein T. 1987. Blocking of interleukin 2 (IL2) binding to the IL2 receptor is not required for the in vivo action of anti-IL2 receptor monoclonal antibody (mAb). I. The production, characterization and in vivo properties of a new mouse anti-rat IL2 receptor mAb that reacts with an epitope different to the one that binds to IL2 and the mAb ART-18. *Eur. J. Immunol.*, 17(3):335-341. doi: 10.1002/eji.1830170306
3. Mouzaki A, Osawa H, Diamantstein T. 1987. An ELISA that detects cell-associated and released rat IL-2 receptors in a soluble form. *J. Immunol. Methods*, 100(1-2):243-248. doi: 10.1016/0022-1759(87)90195-5
4. Mouzaki A, Diamantstein T. 1987. Four epitopes on the rat 55 kDa subunit of the interleukin 2 receptor as defined by newly developed monoclonal antibodies. *Eur. J. Immunol.*, 17(11):1661-1664. doi: 10.1002/eji.1830171123
5. Di Stefano R, Mouzaki A, Araneda D, Diamantstein T, Tilney NL, Kupiec-Weglinski JW. 1988. Anti-interleukin 2 receptor monoclonal antibodies spare phenotypically distinct T suppressor cells in vivo and exert synergistic biological effects. *J. Exp. Med.*, 167(6):1981-1986. doi: 10.1084/jem.167.6.1981
6. Kupiec-Weglinski JW, Hahn HJ, Kirkman L, Volk HD, Mouzaki A, Di Stefano R, Tellides G, Dallman M, Morris PJ, Strom TB, Tilney NL, Diamantstein T. 1988. Cyclosporine potentiates the immunosuppressive effects of anti-interleukin 2 receptor monoclonal antibody therapy. *Transplant. Proc.*, 20(2):207-216.
7. Stünkel KG, Theisen P, Mouzaki A, Diamantstein T, Schlumberger HD. 1988. Monitoring of interleukin-2 receptor (IL-2R) expression in vivo and studies on an IL-2R-directed immunosuppressive therapy of active and adoptive adjuvant-induced arthritis in rats. *Immunology*, 64(4):683-689.
8. Diamantstein T, Mouzaki A, Osawa H, Volk HD, Hahn HJ, Kirkman RL, Strom TB, Tilney NL, Kupiec-Weglinski JW. 1988. Inhibition of allograft rejection and organ-specific autoimmune disease by anti-interleukin-2 receptor (IL2R)-targeted immunotherapy. The action of anti-IL2R monoclonal antibodies and synergistic effect of cyclosporin A. *Dev. Biol. Stand.*, 69:177-184.

9. Herrmann T, Josimovic-Alasevic O, Mouzaki A, Diamantstein T. 1989. Demonstration of two distinct forms of the released low affinity type rat interleukin 2 receptor. *Immunology*, 66(3):384-387.
10. Bartok I, Erdei A, Mouzaki A, Osawa H, Szolosi J, Eigentler A, Diamantstein T, Dierich M, Gergely J. 1989. Interaction between C3 and IL-2; inhibition of C3b binding to CR1 by IL-2. *Immunol. Lett.*, 21(2):131-137. doi: 10.1016/0165-2478(89)90049-7
11. Mouzaki A, Weil R, Muster L, Rungger D. 1991. Silencing and trans-activation of the mouse IL-2 gene in *Xenopus* oocytes by proteins from resting and mitogen-induced primary T-lymphocytes. *EMBO J.*, 10(6):1399-1406. doi: 10.1002/j.1460-2075.1991.tb07660.x
12. Tucci A, Mouzaki A, James H, Bonnefoy JY, Zubler RH. 1991. Are cord blood B cells functionally mature? *Clin. Exp. Immunol.*, 84(3):389-394.
13. Mouzaki A, Zubler RH, Doucet A, Rungger D. 1992. Trans-active factors controlling the IL-2 gene in adult human T-cell subsets. *Mediat. Inflamm.*, 1(1):33-37. doi: 10.1155/S0962935192000073
14. Mouzaki A, Dai Y, Weil R, Rungger D. 1992. Cyclosporin A and FK506 prevent the derepression of the IL-2 gene in mitogen-induced primary T lymphocytes. *Cytokine*, 4(2):151-160. doi: 10.1016/1043-4666(92)90050-2
15. Hentsch B, Mouzaki A, Pfeuffer I, Rungger D, Serfling E. 1992. The weak, fine-tuned binding of ubiquitous transcription factors to the IL-2 enhancer contributes to its T cell-restricted activity. *Nucleic Acids Res.*, 20(11):2657-2665. doi: 10.1093/nar/20.11.2657
16. Mouzaki A, Rungger D, Tucci A, Doucet A, Zubler RH. 1993. Occurrence of a silencer for the interleukin-2 gene in naïve but not memory resting T helper cells. *Eur. J. Immunol.* 23(7):1469-1474. doi: 10.1002/eji.1830230711
17. Mouzaki A, Rungger D. 1994. Interleukin 2 gene regulation at the P_{ud} (NFAT) promoter element: The complex situation in primary T lymphocytes. *Proc. Molec. Biol. Hematopoiesis*, 3:475-486.
18. Mouzaki A, Rungger D. 1994. Properties of transcription factors regulating interleukin 2 gene transcription through the NFAT binding site in untreated or drug-treated naïve and memory T helper cells. *Blood*, 84(8):2612-2621.
19. Mouzaki A, Zubler RH. 1995. Regulation de la transcription du gene de l'interleukine-2 dans les lymphocytes B. *Swiss Med. Wkly*, 125(9):395-399.
20. Mouzaki A, Serfling E, Zubler RH. 1995. Interleukin-2 promoter activity in Epstein-Barr virus-transformed B lymphocytes is controlled by nuclear factor- κ B. *Eur. J. Immunol.*, 25(8):2177-2182. doi: 10.1002/eji.1830250809
21. Mouzaki A, Matthes T, Miescher PA, Beris P. 1995. Polyclonal hypergammaglobulinaemia in a case of B cell Chronic Lymphocytic Leukaemia: The result of IL-2 production by the proliferating monoclonal B cells? *Br. J. Haematol.*, 91(2):345-349. doi: 10.1111/j.1365-2141.1995.tb05301.x
22. Mouzaki A, Kindler V, Browers N, Doucet A, Melachrinou M, Kyrtsionis MC, Kallinikou-Maniatis A. 1996. Cytokine gene expression in a case of B-cell Chronic Lymphocytic Leukaemia (B-CLL) with an unusual expansion of T cells at presentation. *Proc. Molec. Biol. Hematopoiesis*, 5:237-246.
23. Kyrtsionis MC, Repa C, Dedoussis GVZ, Mouzaki A, Simeonidis A, Stamatelou M, Maniatis A. 1998. Serum transforming growth factor- β 1 (TGF- β 1) in patients with multiple myeloma (MM). *Med. Oncol.*, 15(2):124-128. doi: 10.1007/BF02989591
24. Mouzaki A, Dionyssopoulou H, Sotiropoulou G, Cordopatis P, Slootstra J, Puijk W, Meloen R, Maniatis A. 1999. Synthetic peptides as putative therapeutic agents in transplantation medicine: Identification of epitopes on the extra cellular domain of the beta chain of the interleukin-2 receptor. *Biomed. Health Res. Ser.*, 22:181-193.
25. Dedoussis GVZ, Mouzaki A, Theodoropoulou M, Menounos P, Kyrtsionis MC, Karameris A, Maniatis A. 1999. Endogenous interleukin 6 conveys resistance to cis-diamminedichloroplatinum-mediated apoptosis of the K562 human leukemic cell line. *Exp. Cell Res.*, 249(2):269-278. doi: 10.1006/excr.1999.4442

26. Kyrtsolis MC, Mouzaki A, Maniatis A. 1999. Mechanisms of polyclonal hypogammaglobulinemia in multiple myeloma. *Med. Oncol.*, 16(2):73-77. doi: 10.1007/BF02785839
27. Dionyssopoulou E, Mouzaki A, Sloostra J, Puijk W, Meloen R, Cordopatis R, Sotiropoulou G. 2000. Synthetic peptides as putative therapeutic agents in transplantation medicine: Application of PEPSCAN to the identification of functional sequences on the extracellular domain of the Interleukin-2 receptor beta chain (IL-2R β). *J. Immunol. Methods*, 241(1-2):83-95. doi: 10.1016/S0022-1759(00)00212-x
28. Mouzaki A, Doucet A, Mavroidis E, Muster L, Rungger D. 2000. A repression-derepression mechanism regulating the transcription of human immunodeficiency virus type 1 in primary T cells. *Mol. Med.*, 6(5):377-390.
29. Karakantza M, Mouzaki A, Theodoropoulou M, Bussel JB, Maniatis A. 2000. Th1 and Th2 cytokines in a patient with Evans' syndrome and profound lymphopenia. *Br. J. Haematol.*, 110(4):968-970. doi: 10.1046/j.1365-2141.2000.02296.x
30. Tselios T, Daliani I, Deraos S, Thymianou S, Matsoukas E, Troganis A, Gerothanassis I, Mouzaki A, Mavromoustakos T, Probert L, Matsoukas I. 2000. Treatment of experimental allergic encephalomyelitis (EAE) by a rationally designed cyclic analogue of myelin basic protein (MBP) epitope 72-85. *Bioorg. Med. Chem. Lett.*, 10(24):2713-2717. doi: 10.1016/S0960-894X(00)00556-4
31. Theodoropoulou M, Karakantza M, Maniatis A, Mouzaki A. 2000. Cytokine gene expression in a case of Evan's syndrome. *Proc. Eur. Fed. Immunol. Soc.*, 1:287-293.
32. Leotsinidis M, Theodoropoulou M, Alexopoulos A, Chatzantoni K, Farri-Kostopoulou E, Mouzaki A. 2000. Leptin and interleukin-2 in babies. *Proc. Eur. Fed. Immunol. Soc.*, 1:281-285.
33. Doucet A, Mouzaki A. 2000. HIV-1 regulation in peripheral blood T-cells. *Proc. Eur. Fed. Immunol. Soc.*, 1:385-391.
34. Xagoraris I, Zikos P, Karakantza M, Maniatis A, Mouzaki A. 2000. Apoptosis in multiple myeloma cells. *Proc. Eur. Fed. Immunol. Soc.*, 1:113-119. doi: 10.1159/000046553
35. Xagoraris I, Paterakis G, Zolota B, Zikos P, Maniatis A, Mouzaki A. 2001. Expression of granzyme B and perforin in multiple myeloma. *Acta Haematol.*, 105(3):125-129. doi: 10.1159/000046553
36. Kakkos SK, Mouzaki A, Vagianos CE. 2001. Modifications of the immune system caused by the cestode *Echinococcus granulosus*. *Ann. Gastroenterol.*, 14(2):91-98.
37. Tselios T, Apostolopoulos V, Daliani I, Deraos S, Grdadolnik S, Mavromoustakos T, Melachrinou M, Thymianou S, Probert L, Mouzaki A, Matsoukas I. 2002. Antagonistic effects of human MBP₈₇₋₉₉ altered peptide ligands in experimental allergic encephalomyelitis and human T-cell proliferation. *J. Med. Chem.*, 45(2):275-283. doi: 10.1021/jm0102147
38. Thymianou S, Chatzantoni K, Karakantza M, Tselios T, Papathanassopoulos P, Matsoukas JM, Mouzaki A. 2002. Effect of linear and cyclic peptide analogues of myelin basic epitope MBP72-85 on human T-cell activation. *Biomed. Health Res.*, 55:241-250.
39. Mouzaki A, Theodoropoulou M, Gianakopoulos I, Vlahi V, Kyrtsolis MC, Maniatis A. 2002. Expression Patterns of Th1 and Th2 Cytokine Genes in Childhood Idiopathic Thrombocytopenic Purpura (ITP) at Presentation and their Modulation by Intravenous Immunoglobulin G (IVIg) Treatment; their Role in Prognosis. *Blood*, 100(5):1774-1779.
40. Panitsas F, Theodoropoulou M, Kouraklis A, Karakantza M, Theodorou G, Zoumbos NC, Maniatis A, Mouzaki A. 2004. Adult chronic idiopathic thrombocytopenia purpura (ITP) is the manifestation of a type-1 polarized immune response. *Blood*, 103(7):2645-2647. doi: 10.1182/blood-2003-07-2268
41. Lekkou A, Karakantza M, Mouzaki A, Kalfarentzos F, Gogos CA. 2004. Cytokine production and monocyte HLA-DR expression as predictors of outcome for patients with community-acquired severe infections. *Clin. Diagn. Lab. Immunol.*, 11(1):161-167. doi: 10.1128/cdli.11.1.161-167.2004
42. Argyropoulos C, Nikiforidis GC, Theodoropoulou M, Adamopoulos P, Boubali S, Georgakopoulos TN, Paliogianni F, Papavassiliou AG, Mouzaki A. 2004. Mining microarray data to identify transcription factors expressed in naïve resting but not activated T lymphocytes. *Genes Immun.*, 5(1):16-25. doi: 10.1038/sj.gene.6364034

43. Karakantza M, Theodorou GL, Mouzaki A, Theodori E, Vagianos C, Maniatis A. 2004. In vitro study of the long-term effects of post traumatic splenectomy on cellular immunity. *Scand. J. Immunol.*, 59(2):209-219. doi: 10.1111/j.0300-9475.2004.01379.x
44. Chatzantoni K, Thymianou S, Papathanassopoulos P, Tselios T, Kalbacher H, Matsoukas J, Mouzaki A. 2004. Immunological profile of myelin basic protein (MBP) peptides. In: «Immunology 2004», pp.171-175. [www.medimond.com]
45. Argyropoulos C, Adamopoulos P, Georgakopoulos T, Chatzantoni K, Nikiforidis G, Mouzaki A. 2004. Identification of transcriptional repressors of HIV virus in naive T lymphocytes using «wet» bioinformatics techniques. In: «Immunology 2004», pp.267-271. [www.medimond.com]
46. Chatzantoni K, Papathanassopoulos P, Gourzoulidou E, Mouzaki A. 2004. Leptin and its soluble receptor in plasma of patients suffering from remitting-relapsing multiple sclerosis (MS). In vitro effects of leptin on type-1 and type-2 cytokine secretion by peripheral blood mononuclear cells, T-cells and monocytes of MS patients. *J. Autoimmun.*, 23(2):169-177. doi: 10.1016/j.jaut.2004.05.007
47. Parissi T, Chatzantoni K, Deraos S, Matsoukas I, Mouzaki A. 2004. Synthetic peptides mapping to epitopes of the extracellular domain of the IL-2 receptor (IL-2R) beta chain to inhibit T-cell activation. *Transplant. Proc.*, 36(6):1723-1727. doi: 10.1016/j.transproceed.2004.06.004
48. Mouzaki A, Tselios T, Papathanassopoulos P, Matsoukas I, Chatzantoni K. 2004. Immunotherapy for Multiple Sclerosis: Basic insights for new clinical strategies. *Curr. Neurovasc. Res.*, 1(4):325-340. doi: 10.2174/1567202043362180
49. Karakantza M, Theodorou GL, Meimaris N, Mouzaki A, Ellul J, Andonopoulos AP, Maniatis A. 2004. Type-1 and Type-2 Cytokine-producing CD4+ and CD8+ Cells in Primary Antiphospholipid Syndrome (PAPS). *Ann. Hematol.*, 83(11):704-711. doi: 10.1007/s00277-004-0910-7.
50. Micheva I, Thanopoulou E, Michalopoulou S, Karakantza M, Kouraklis-Symeonidis A, Mouzaki A, Zoumbos N. 2004. Defective tumor necrosis factor alpha-induced maturation of monocyte-derived dendritic cells in patients with myelodysplastic syndromes. *Clin. Immunol.*, 113(3):310-317. doi: 10.1016/j.clim.2004.08.007
51. Panitsas FP, Mouzaki A. 2004. Effect of splenectomy on type-1/type-2 cytokine gene expression in a patient with adult idiopathic thrombocytopenic purpura (ITP). *BMC Blood Disord.*, 4(1):4. doi: 10.1186/1471-2326-4-4
52. Koutras AK, Makatsoris T, Paliogianni F, Kopsida G, Onyenadum A, Gogos CA, Mouzaki A, Kalofonos HP. 2004. Oxaliplatin-induced acute-onset thrombocytopenia, hemorrhage and hemolysis. *Oncology*, 67(2):179-182. doi: 10.1159/000081006
53. Matsoukas J, Apostolopoulos V, Kalbacher H, Papini A-M, Tselios T, Chatzantoni K, Biagioli T, Lolli F, Deraos S, Papathanassopoulos P, Troganis A, Mantzourani E, Mavromoustakos T, Mouzaki A. 2005. Design and synthesis of a novel potent myelin basic protein epitope 87-99 cyclic analogue: Enhanced stability and biological properties of mimics render them a potentially new class of immunomodulators. *J. Med. Chem.*, 48(5):1470-1480. doi: 10.1021/jm040849g
54. Mouzaki A, Deraos S, Chatzantoni K. 2005. Advances in the treatment of autoimmune diseases; cellular activity, type-1/type-2 cytokine secretion patterns, and their modulation by therapeutic peptides. *Curr. Med. Chem.*, 12(13):1537-1550. doi: 10.2174/0929867054039044
55. Mouzaki A. 2006. *Curr. Top. Med. Chem.*, 6(16):1655. [EDITORIAL]
56. Chatzantoni K, Mouzaki A. 2006. Anti-TNF- α antibody therapies in autoimmune diseases. *Curr. Top. Med. Chem.*, 6(16):1707-1714. doi: 10.2174/156802606778194217
57. Argyropoulos C, Mouzaki A. 2006. Immunosuppressive drugs in HIV disease. *Curr. Top. Med. Chem.*, 6(16):1769-1789. doi: 10.2174/156802606778194271
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