

CURRICULUM VITAE

First Name: **Vassilis**

Last Name: **Aidinis**

Place of birth: Athens, Greece

Date of birth: 30/11/1964

Nationality: Hellenic

Gender: Male

Marital status: Married, two daughters

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Resume

Dr. Aidinis received his B.Sc. in Biology from the University of Patras and his Ph.D in Molecular Biology from the University of Athens. He received his Ph.D training at the National Hellenic Research Foundation, where his work focused on the isolation and characterization of a novel heterogeneous nuclear RNP. At the same time and in collaboration with the Medical School of the University of Athens, he investigated various aspects of the involvement of snRNPs in autoimmunity. During his post-doctoral appointment at the D.H.R. Cancer Center of Mount Sinai’s School of Medicine, Howard Hughes Medical Institute, New York, his work focused on the biochemistry of V(D)J recombination and the involvement of chromatin architectural factors at the initial stages of the reaction. During his second post-doctoral appointment at the Molecular Genetics Laboratory of Hellenic Pasteur Institute, he explored the role of the synovial fibroblast in the pathogenesis of Rheumatoid Arthritis where, among others, he introduced the study of differential gene expression analysis. In 2001 he was appointed as a researcher C’ (eq. assistant professor, tenure track) at the Institute of Immunology, BSRC Fleming, where he committed his research efforts in deciphering the pathogenetic mechanisms governing chronic inflammation disorders (such as rheumatoid arthritis and idiopathic pulmonary fibrosis), as well as in establishing and developing the technology of DNA microarrays and related computational tools. In 2006 he was appointed as a researcher B’ and in 2012 as a Researcher A’ (eq. professor, tenure) at the Division of Immunology, BSRC Fleming, where he continues his research endeavors, currently focusing on two pillars: 1) the molecular and genetic dissection of pathogenetic mechanisms in the development of pulmonary inflammation, fibrosis and cancer, 2) the investigation of the role of autotaxin and phospholipid signalling in chronic inflammation and cancer.

His work is getting published in well-respected peer-reviewed journals, is a regular lecturer in various Academic Institutions and acts as a reviewer in a number of scientific journals, including Faculty of 1000. He has trained 6 Ph.D students, 5 Master students and 5 diploma students. He is a co-founder of Biomedcode Hellas, a Fleming spin-off for preclinical evaluation studies and novel drug development and he has applied for two patents. He has set up the expression profiling facility of Fleming and has supervised the creation of a

number of websites and mouse databases, in the context of various international collaborations aiming to promote mouse database functionalities and interoperability.

Education and Degrees

- 1982-1987: Undergraduate student at the Department of Biology, University of Patras, Patra, Hellas. Diploma (BSc) in Biology.
- 1988-1994: Graduate student at the Center of Biological Research and Biotechnology, National Hellenic Research Foundation, Athens, Hellas. PhD Diploma in Molecular Biology, Biology Department, University of Athens, Athens, Hellas.
- 1994-1996: Research Associate, in the context of the 23-months mandatory military service, at the laboratory of Surgical Pathology, Naval Hospital of Athens.
- 1996-1999: Post Doctoral Research Associate at Mount Sinai Medical School, University of New York and Howard Hughes Medical Institute, NYC, USA
- 1999-2000: Post Doctoral Research Associate at Hellenic Pasteur Institute, Athens, Greece.

Research activities

- 1986-1987: **Diploma thesis** on “Heat shock proteins of *Drosophila melanogaster*, *Ceratitis capitata* and *Aspergillus nidulans*. A comparison”. University of Patras, Biology Department, Laboratory of Genetics, Cell Biology and Differentiation.
- 1987: **Visiting scientist** at the Laboratory of Genetic Biochemistry at the Necker Hospital, Paris. Work on the desegregation of the human chromosome 21.
- 1988-1994: **Ph.D. thesis** work at the National Hellenic Research Foundation on “Immunochemical identification and characterization of a novel nuclear RNP”.
- 1991: **Visiting scientist** at the Laboratory of Biochemistry, University of Nijmegen, Nijmegen, The Netherlands. Recipient of an **EMBO short-term fellowship**. Work on the cloning of a novel RNP protein.
- 1994-1996: **Research Associate**, in the context of the 23-months mandatory military service, at the laboratory of Surgical Pathology, Naval Hospital of Athens. Work on identification of possible prognostic and/or diagnostic markers of Breast Cancer using RT-PCR and immunocytochemistry.
- 1996-1999: **Research Associate** at the Ruttenberg Cancer Center, Mount Sinai School of Medicine, New York University, and Howard Hughes Medical Institute, New York City, NY, USA. Work on the biochemistry of V(D)J recombination.
- 1999-2000: **Research Associate** at the Laboratory of Molecular Genetics, Hellenic Pasteur Institute, Athens, Greece. Work on the Discovery of novel genes and/or pathways in the development of Rheumatoid Arthritis, using animal models, Differential Display PCR and DNA microarrays.

- 2000: **Visiting Scientist** at the laboratory of TAGC, INSERM/CNRS, University of Marseille at Luminy, France. Wet lab training on nylon DNA microarrays.
- 2000: Appointed (12/12/2000) as **Researcher grade C** (eq. Assistant Professor, tenure track) at the Institute of Immunology, Biomedical Sciences Research Center “Alexander Fleming”, Vari/Athens, Greece.
- 2001: **Visiting Scientist** at the laboratory of Genome Science, Genomic Exploration Research Group, RIKEN, Yokohama/Japan. Wet lab training on glass cDNA microarrays.
- 2002: **Visiting scientist**, recipient of an **EMBO short term fellowship**, at the Ludwig Institute of Cancer Research, University of Uppsala, Sweden. Wet lab training on glass cDNA microarrays. Work on the expression profiling of an animal model of Rheumatoid Arthritis.
- 2006: Appointed as **Researcher grade B** (eq. Associate Professor, tenure) at the Institute of Immunology, Biomedical Sciences Research Center “Alexander Fleming”, Athens, Greece.
- 2012: Appointed as **Researcher grade A** (eq. Full Professor) at the Institute of Immunology, Biomedical Sciences Research Center “Alexander Fleming”, Athens, Greece.

Academic activities

- He has trained 6 Ph.D students, 5 Master students and 5 diploma students ([Hyperlink Dissertations and theses](#)).
- Lecturer in a number of post graduate master courses
- Invited lecturer in various Academic Institutions in Greece.
- He is a regular reviewer in a number of scientific journals: Arthritis & Rheumatism, American Journal of Critical Care Medicine, Arthritis Research and Therapy, Biomed research international, Bioorganic medicine chemical letters, BMC Anesthesiology, BMC Genomics, British Journal of Pharmacology, European Journal of Immunology, European Journal of Pharmacology, Experimental Cell Research, Immunobiology, International Journal of Rheumatic Diseases, Laboratory Investigations, Lipids, Lung, Molecular and Cellular Biochemistry, PLoS One, Pulmonary Medicine, Pulmonary Pharmacology and Therapeutics, Respiratory Research, Rheumatology, Thorax, Toxicology and Applied Pharmacology, World Journal of Respiriology, World Journal of Gastroenterology , including the prestigious Faculty of 1000
- He is an evaluator of national and international grant proposals: ΓΓΕΤ, ΙΚΥ, Alliance National de la Research (ANR), British Lung Foundation, German-Israeli Foundation, Netherland Organization for Scientific Research (NWO).

Other activities

- V. Aidinis is a co-founder of Biomedcode Hellas, a Fleming spin-off for preclinical evaluation studies and novel drug development and he has applied for two patents.
- He pioneered the use of DNA microarrays and related bioinformatic tools and set up the first expression profiling service unit in Greece.
- He has supervised the creation of a number of websites and mouse databases, in the context of various international collaborations aiming to promote mouse database functionalities and interoperability.

Funding (Hyperlinks: [Fleming](#))

List of publications (Hyperlinks: [PubMed](#), [Google Scholar](#), [Fleming](#))