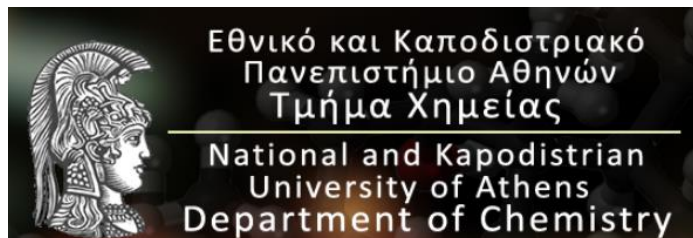


Efstratios Stratikos

Associate Professor, Biochemistry,
Chemistry department, National and Kapodistrian
University of Athens
Panepistimiopolis Zografou, 15784 Greece
+30 210 727 4471 (office)
Email: estratikos@chem.uoa.gr
Web page: <http://users.uoa.gr/~estratikos/>



EDUCATION AND TRAINING

1994 B.S. in Chemistry, University of Athens, Greece
1999 Ph.D. in Biochemistry, Univ. of Illinois Medical School, IL, USA
1999-2004 Postdoctoral training, Harvard University, MA, USA

ACADEMIC APPOINTMENTS

2020-present Associate Professor, Biochemistry, Department of Chemistry, National and Kapodistrian University of Athens, Greece
2020-present Adjunct Researcher, Head of Protein Chemistry Lab, National Centre for Scientific Research Demokritos, Agia Paraskevi, Greece
2014-2020 Research Director, Protein Chemistry Lab, NCSR "Demokritos", Athens, Greece
2015-2017 Visiting Professor, Department of Chemistry, Univ. of Athens, Athens, Greece
2009-2014 Senior Researcher, NCSR "Demokritos", Athens, Greece
2005-2008 Researcher, NCSR "Demokritos", Athens, Greece

TEACHING

2020-present Main Instructor, Biochemistry I and Biochemistry II courses, Department of Chemistry, University of Athens, Greece
2006-present Supervised 5 M.S. Theses and 5 PhD Theses in the period 2006-2020. Currently supervising 2 PhD students.
2015 – 2017 Visiting Professor / main instructor, Department of Chemistry, Univ. of Athens, Athens, Greece
2006 – 2020 Lecturer – NCSR Demokritos, Summer School
2017 – 2020 Lecturer – Graduate course "Clinical Biochemistry – Molecular Diagnostics", department of Biology, University of Athens, Greece
2013 – 2021 Lecturer – Graduate course "Molecular and Applied Physiology", Physiology Laboratory, Medical School, University of Athens, Greece
2009 – 2015 Lecturer – Graduate course "Molecular Biology", Biochemistry graduate programme, Department of Chemistry, University of Athens
2018 – 2021 Lecturer – Graduate course "Cosmetology-Dermatology", Department of Pharmacy, University of Athens, Greece

MAJOR PRIZES

2014 Achillea and Ekaterini Dionysopoulou award from the Academy of Athens
2015 "Discovery Fast Track Challenge" prize from GlaxoSmithKlein

RESEARCH FUNDING

~2mil euros attracted in >25 projects (15 as PI) including:
• 2012-2015 Greek Secretariat for R&T, "Aristeia" excellence grant no. 986 (coordinator)

- 2013-2016 Greek Secretariat for R&T action "Funding retained ERC proposals" grant no. ERC-14 (coordinator)
- 2016-2019 Harry J. Lloyd Charitable Trust Award «Modulating neoantigen epitope generation for melanoma immunotherapy» (coordinator)
- 2018-2023 GlaxoSmithKline research award for preclinical development of compounds with pharmaceutical interest (coordinator)
- 2021-2025 H2020-MSCA-ITN-2020, "Training experts in antigen processing to deliver new drug prototypes for cancer and autoimmune diseases" (PI for NCSR)

SELECTED RECENT PUBLICATIONS

[Common allotypes of ER aminopeptidase 1 have substrate-dependent and highly variable enzymatic properties.](#) Hutchinson JP, Temponeras I, Kuiper J, Cortes A, Korczynska J, Kitchen S and Stratikos E*. *J Biol Chem* 2021
[Generation of SARS-CoV-2 S1 spike glycoprotein putative antigenic epitopes in vitro by intracellular aminopeptidases](#) Stamatakis G, Samiotaki M, Mpakali A, Panayotou G, Stratikos E*. *J Proteome Res.* 2020 Sep 15.
[Mechanism for antigenic peptide selection by ER aminopeptidase 1.](#) Giastas P#, Mpakali A#, Papakyriakou A, Lelis A, Kokkala P, Neu M, Rowland P, Liddle J, Georgiadis D and Stratikos E*. *PNAS* 2019, December 16, 2019
[Targeting the regulatory site of ER aminopeptidase 1 leads to the discovery of a natural product modulator of antigen presentation.](#) (read here) Liddle J, Hutchinson JP, Kitchen S, Rowland P, Neu M, Ceconie T, Holmes DS, Jones EJ, Korczynska J, Koumantou D, ..., Stratikos E*. *J Med Chem.* 2020 Feb 28
[A systematic re-examination of processing of MHCI-bound antigenic peptide precursors by ER aminopeptidase 1.](#) Mavridis G, Arya R, ..., Tampé R, Papakyriakou A, Stern LJ, Stratikos E*. (Editor's Choice, Cover) *J Biol Chem.* 2020 Mar 17
[Editing the immunopeptidome of melanoma cells using a potent inhibitor of Endoplasmic Reticulum aminopeptidase.](#) Koumantou D, Barnea E, ..., Georgiadis D, Stern LJ, Admon A and Stratikos E* *Cancer Immunol Immunother* 2019, Jun 20.

PUBLICATION STATISTICS

80 publications in international peer-reviewed journals, 53 publications during 2013-2021
42 publications as corresponding author
2836 citations (google scholar)
h-index = 27, i10-index = 58

OTHER ACADEMIC ACTIVITIES

- Associate Editor, *Frontiers of Immunology*
- Reviewer in >30 International Scientific journals
- Reviewer for >10 international and national research funding organizations
- Guest Editor, *Human Immunology* and *Frontiers* special issues
- Representative for NCSR in Project Joint Research Committee overseeing the collaboration between NCSR Demokritos and GlaxoSmithKline.
- Organizer of 5 international scientific meetings