Curriculum Vitae – Sotiris Prokopiou, PhD

Date of birth : March 29, 1983
Nationality : Cypriot
E-mail : sotiris.prokopiou@cosmo-platform.org
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PROFESSIONAL POSITIONS

1/2015 – present **Systems Modeling Engineer R&D**
CoSMo company
Lyon, France

RESEARCH POSITIONS

3/2014 – 12/2014 **Post-doc Research fellow**
Moffitt Cancer Center
Department of Integrated Mathematical Oncology
Florida, USA

4/2013 – 3/2014 **Post-doc Research fellow**
INRIA (Dracula team), Lyon, France

EDUCATION

9/2008 – 9/2012 **PhD Mathematical Biology**
Defense: 2/2013 Centre of Mathematical Medicine and Biology
Nottingham University, UK

1/2008 - 6/2008 **MSc Applied Mathematics**
University of Cyprus

2003 - 2007 **BSc Mathematics**
Aristotle University of Thessaloniki (AUT), Greece
G.P.A. : 9.09 (out of 10) – Honors (top 5%)

1998 - 2001 **Lyceum Studies (Sciences)**
Grade: 19 (out of 20) - Honors

QUALIFICATIONS/INTERESTS

Computing MATLAB (fluent), Python, C++ (moderate)
CompuCell3D (agent-based modeling software): fluent
Systems Biology Workbench (design molecular pathways): fluent
SQL (moderate), Microsoft Office, LaTeX

Languages Greek (native), English (fluent), French (moderate),
German (primary), Chinese, Russian (beginner)

Curriculum Vitae – Sotiris Prokopiou, PhD

RESEARCH INTERESTS: Mathematical/Computational Biology

dynamical systems, agent-based multiscale modeling, tissue growth, angiogenesis, tumor-immune interactions with focus on immunotherapy

SCHOLARSHIPS/AWARDS

2008	PhD Studentship from the Nottingham University, UK
2007	Honors-Award from the AUT for my excellent academic progress during my undergraduate studies.
2007	Award "Nikos Danikas" from the AUT for my excellent academic progress in the fields of Mathematical Analysis.
2004/2005/2006	Scholarship from the "National Foundation of Scholarships" in Greece.

TALKS/PRESENTATIONS

I have presented my research work at several places, such as:
- ESMTB-EMS Summer school, ENS, Lyon, France (1st price poster award)
- Moffitt Cancer Center, Florida, USA
- Mathematical Biosciences Institute (MBI), Ohio, USA,
- Indiana University, Biocomplexity Institute, IN, USA
- Lorentz Center, Leiden, Netherlands
- Dept. of Engineering Mathematics, Bristol University, UK
- AngioNet meeting, University of Dundee, Scotland
- British Applied Mathematics Colloquium (BAMC), Edinburgh, Scotland
- Annual Conference, Biosciences Dept., University of Nottingham
- Dept. of Biological Sciences, University of Cyprus

PUBLICATIONS

Personalized medicine

[1]. "A proliferation saturation index to predict radiation response and personalize radiotherapy fractionation"
Sotiris Prokopiou, Eduardo G. Moros, Jan Poleszczuk, Jimmy Caudell, Javier F. Torres-Roca, Kujtim Latifi, Jae K. Lee, Robert Myerson, Louis B. Harrison and Heiko Enderling
Radiation Oncology **2015**, **10**:159

Agent-based modeling

[2]. "Multiscale modeling of the early CD8 T cell immune response in lymph nodes: an integrative study",
S.A. Prokopiou, Loic Barbarroux, Samuel Bernard, Julien Mafille, Yann Leverrier, Christophe Arpin, Jacqueline Marvel, Olivier Gandrillon, Fabien Crauste
Computation **2014**, 2(4):159-181

Dynamical systems

[3]. "Mathematical analysis of a model for the growth of the bovine corpus luteum"
S.A. Prokopiou, H.M. Byrne, M.R. Jeffrey, R.S. Robinson, G. Mann, M.R. Owen,
Journal of Mathematical Biology **2013**, doi: 10.1007/s00285-013-0722-2