
BIOGRAPHICAL SKETCH

NAME: Maritsa Margaroni

POSITION TITLE: Post-Doctoral Associate

EDUCATION/TRAINING

| INSTITUTION AND LOCATION | DEGREE | Completion Date | FIELD OF STUDY |
|--|--------|-----------------|--|
| Aristotle University of Thessaloniki, Greece | B.Sc. | 11/2003 | Biology |
| National and Kapodistrian University of Athens, Greece | MSc | 07/2007 | Clinical Biochemistry- Molecular Biology |
| National and Kapodistrian University of Athens, Greece | PhD | 11/2016 | Biological Sciences |

A. Personal Statement:

I have been working as a Post-Doctoral associate in Dr. E. Karagouni's group since 2017. My research interests concern host-pathogen interaction focusing on intracellular parasite *Leishmania spp.* In particular, I am working on the evaluation of nanoparticulate vaccines against leishmaniasis, implementing immunonophenotypic and gene expression analyses in cellular systems and animal models. In addition, my work includes antigen selection and design using immunoinformatic tools for vaccine development. I also have experience in nervous necrosis virus propagation and isolation, and determination of cytopathic effect for virus titration.

B. Positions and awards**Employment:**

- 11/2011 - 10/2014: Research associate in the project: "*Synthesis of polymeric nanocarriers for targeted antigen delivery to dendritic cells*" (NanoLeish, MIS: 09ΣYN-14-643), funded by NSFR 2007-2013, Immunology of Infection group, HPI.
- 04/2012 - 04/2014: Research associate in the project: "*Development of lateral flow biosensors for virus, antibodies and nucleic acids detection, as a complete analysis system for environmental-threatening viruses: application on fish nervous necrosis virus (NNV) as a model system*" (NODiAGNO, LS9_448), funded by NSFR 2007-2013, Immunology of Infection group, HPI.
- 05/2013 – 05/2014: Research associate in the project: "*Infectious and neurodegenerative diseases in the 21st century: study of basic mechanisms for the development of the translational research and cutting edge technologies aiming to effective diagnosis, prevention and therapy*" (InfaNeuTra, MIS 450498), funded by NSFR 2007-2013, Immunology of Infection group, HPI.
- 09/2016 - 12/2016: Research associate in the project: "*Genetic improvement of sea bass and sea bream - Resistance to diseases*", University of the Aegean and HPI.
- 11/2017 - 07/2018: Post-Doctoral Associate in the project: "*Infectious, autoimmune and neurodegenerative diseases: study of the pathogenetic mechanisms and development of diagnostic, prognostic and therapeutic approaches*" (MIS: 5002486), funded by NSFR 20014-2020, Immunology of Infection group, HPI

10/2018 - date: Post-Doctoral Associate in the project “*Development of peptide-based nanovaccines against leishmaniasis*” (NanoVacLeish, MIS: 5031816), funded by NSFR 2014-2020, Immunology of Infection group, HPI.

Awards:

2000 - 2002: Scholarship for excellent performance during undergraduate studies, State Scholarships foundation.
10/2005 - 09/2006: Scholarship for the acquisition of MSc degree in Greece, Onassis Foundation.
01/2008 - 07/2012: Fellowship for the elaboration of doctoral thesis, HPI.

Other Professional Activities-Memberships:

- Hellenic Society of Immunology and the group of Young Immunologists
- Hellenic Society of Cytometry
- European Society for Clinical Cell Analysis
- Hellenic Scientific Society for One Health
- Hellenic Society for Biological Sciences

Educational activities:

- Participation in the training of pre and post-graduate students.
- Lectures in the frame of Immunology course of intradepartmental MSc programmes: “Biology applications in Medicine” (2018 and 2020-2022) and “Clinical Biochemistry-Molecular Diagnostics” (2020-2022), NKUA.
- Participation in organizing and implementation of seminars for Biology teachers of Greek High Schools (2017).

Dissemination and outreach activities to the public:

- Participation as a team member in actions designed to communicate science to children 4-8 years old through hands-on experiments and fun drama games (2019-2021).

C. Contribution to Science

15 publications: H-index: 9, Citations: 345, Distribution in JIF Quartile: 10 publications in Q1, 1 in Q2, 3 in Q3 and 1 in Q4.

Complete list of publications: <https://www.webofscience.com/wos/woscc/summary/7a99d274-909e-4d2b-97bb-59c15ce1d8f7-21d340cb/relevance/1>

Conferences: Oral and Poster presentations in 17 international and 16 national conferences.