

**PERSONAL
INFORMATION**

Drosos Kourounis

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✉ dkourounis@pasteur.gr

WORK EXPERIENCE

September 2019-

Quality Control Analyst of QC Department
at Hellenic Pasteur Institute

April 2018-April 2019

Scientific collaborator
at MEGALAB S.A.

April-July 2017

Research Assistant

Intracellular Parasitism group, Dep. of Microbiology, Hellenic Pasteur Institute (HPI)
127 Vas. Sofias Ave; 11521, Athens, Greece
<http://www.pasteur.gr>

Work focused on the heterologous expression of the GST-*Ld*PIBPnex protein (from the *Leishmania donovani* parasite) in order to investigate the protein's binding to Phosphoinositides.

EDUCATION AND TRAINING

July 2021

Science of lab animals for new users

Seminar of Department of Animal Models for Biomedical Research of Hellenic Pasteur Institute

February 2020

ISO 17025: Method Validation, Risk assessment & Decision Rules
Seminar of HellasLab

October 2019

ELOT EN ISO/IEC 17025

Seminar of TUV HELLAS about the requirements accredited testing laboratory

September 2015-
May 2017

MSc student – Thesis Title: Cloning and molecular characterization of the secreted nexin-like protein *Ld*PIBPnex, from the protozoon *Leishmania donovani*.

(Grade 10/10)

MSc “ Applications of Biology in Medicine “

(Grade 8.21/10)

Department of Biology, University of Athens

- March 2013 **BSc diploma in Biology**
 Department of Biology, University of Athens (Grade 6.61/10)
 Diploma Thesis – Title: Study of the spatio-temporal distribution of the *Podarcis erhardii* lizard in the area of Parnitha's mountain. (Grade 8/10)
- June 2007 **High School Diploma**
 2nd High school of Kalymnos, Dodecanese- Greece

PERSONAL SKILLS

Mother tongue(s) Greek

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	Writing production
English	Very good (C2-Proficiency)	Very good (C2-Proficiency)	Very good (C2-Proficiency)	Very good (C2-Proficiency)	Very good (C2-Proficiency)
German	Current level B2				

Communication skills ▪ Very good

Teaching Experience ▪ Tutoring of secondary school students (2016), assisting in the training of an undergraduate student in basic Molecular biology techniques

Computer skills ▪ ECDL Degree (Microsoft Word, Microsoft Excel, Internet), MS PowerPoint and Isis Draw, Image analysis tools (Fiji-ImageJ, ICY)

Other skills ▪ Martial arts
 ▪ Swimming
 ▪ Basketball
 ▪ Electric guitar
 ▪ First Aid knowledge

Driving licence ▪ A, B

Military Service ▪ Completed:
 September 2014-June 2015

ADDITIONAL INFORMATION

Job-related skills

Techniques of Molecular Biology and Biochemistry:

- Amplification of DNA sequence by the PCR technique
- Qualitative and quantitative analysis of DNA on agarose gel
- DNA purification from agarose gel
- DNA digestion with restriction enzymes
- Dephosphorylation of DNA
- DNA ligation
- Bacteria transfection with plasmid DNA, selection of positive clones
- Protein analysis by SDS PAGE
- Protein Immunoblotting (Western Blot)
- Determination of protein concentration by the Bradford assay method
- Secretion assays
- Digitonin Fractionation assays
- Protozoa (*Leishmania*) and mammalian cell cultures
- Transfection of *Leishmania* parasites with plasmid vectors or linear DNA
- Selection of transgenic *Leishmania* population
- Identification, counting of cell populations using Malassez and Neubauer methods.
- Immunofluorescence and Confocal Fluorescence Microscopy

Techniques in Zoology:

- Tethering method
- Capturing and releasing techniques of biological samples from the field
- Analyzing specific patterns of behavior
- Immunization of experimental animals (rabbits, mice)
- Anatomy

Publications

- Cloning and molecular characterization of the secreted nexin-like protein *LdPIBPnex*, from the protozoan *Leishmania donovani*. *MSc thesis (March 2017)*

Courses/seminars attended

- 5 Days course : Cell Biology and infection: Digital Image Processing/Analysis Tools for Quantitative Light Microscopy Imaging regional course organized at the Hellenic Pasteur Institute , Athens, Greece (04-08/ 07 /2016). I attended the theoretical part of the course and the practical session on the Fiji/ImageJ and ICY software (<http://pasteur.edu.gr/education-course/>)
- Participation at the scientific course with the title: Biotechnology and Bioethics, Athens, December 2007

Conferences

- Poster: 67th National Conference of the Greek Society in Biochemistry & Molecular Biology, Ioannina, December 2016.

Poster Award by the conference's organizing committee.

Title: "*LdPIBPnex*, a secreted nexin like protein from the protozoan parasite *Leishmania donovani*"

Drosos Kourounis¹, Amalia Papadaki¹, Olympia Tziouvara¹, Haralabia Boleti^{1,2}

1. *Intracellular Parasitism group, Department of Microbiology, Hellenic Pasteur Institute, Athens, Greece*

2. *Light Microscopy unit, Hellenic Pasteur Institute, Athens, Greece*

- Participation at the 30th Annual Conference of the Greek Society of Biological sciences, Thessaloniki, 2008