

Curriculum Vitae

Sophia Letsiou

General

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Preamble

I am a Chemist and I hold a MSc in Analytical Chemistry and a Ph.D. in Biochemistry. I have 30 publications, 50 conference communications, 14 participations in European research projects and 5 successful submission of research grants. I have 8 years of experience working as postdoctoral researcher in an international research environment (The Netherlands, Portugal, Spain, Greece) and 6 years of experience working in international R&I industrial infrastructure as Principal Investigator.

Interests

Systems biology (proteomics, metabolomics, transcriptomics) for biomarkers discovery | Molecular targets and mechanisms of action of molecules with natural origin with biological and pharmaceutical activity | *In vitro* systems for simulations of biological processes | Marine biotechnology

Education

2007–2011/ Ph.D. in Biochemistry, Harokopio University, Dept.Nutrition/Dietetics, Athens, Greece.

2004–2006/ MSc in Analytical Chemistry, University of Crete, Dept. Chemistry, Crete, Greece.

2000–2004/ BSc in Chemistry, University of Crete, Dept. Chemistry, Crete, Greece.

Achievements and Awards

1. Marie Skłodowska-Curie Actions fellowship for postdoctoral research (IAPP, 2013).
2. Research Grand from the Netherlands Metabolomics Center (2010-2013).
3. Marie Skłodowska-Curie Actions fellowship for PhD research (2007-2010).
4. Marie Skłodowska-Curie Ambassador 2018 for the event MSCA fellow of the week.
5. Inventor of International and two National patents.

Position of Trust

Project evaluator for EU Horizon Europe | Project evaluator of NSC of Poland | Project evaluator of NFRF of Canada | Guest Editor (2 scientific journals) | Ad-hoc reviewer in 15 scientific journals.

Scientific Skills and Competences

Technical Skills: Analytical Chemistry instrumentation, Molecular Biology techniques, Cell culturing, Bioinformatics, Data Mining, Data Analysis.

Writing Skills: Scientific articles, Research proposals, Patents

Linguistic competences: English | French | Portuguese | Dutch

Working Experience

1. 2022- Onwards /Academic Lecturer /University of West Attica, Athens, Greece.
2. 2021-2022 /Adjunct Assistant Professor /Agricultural University of Athens, Athens, Greece.
3. 2016-2021 /Principal Investigator/ Research and Development Department, APIVITA SA, Athens, Greece.

4. 2013-2015 /Postdoctoral Researcher/Agricultural University of Athens, Athens, Greece.
5. 2020-2013 /Postdoctoral Researcher/University Medical Center Utrecht, The Netherlands.
6. 2007-2008 /Research Fellow/ University of Crete, Heraklio, Crete, Greece.

Research Experience

1. 2021 /Principal Investigator, Centro de Ciências do Mar (CCMAR), Faro, Portugal.
2. 2016-2019 /Visiting Researcher, Centro de Ciências do Mar (CCMAR), Faro, Portugal.
3. 2016-2017 /Visiting Researcher, Instituto IFAPA, El Puerto de Santa Maria, Spain.
4. 2015-20121 /Principal Investigator, Biochemistry Laboratory, APIVITA SA, Athens, Greece.
5. 2013-2015 /Postdoctoral Researcher, Agricultural University of Athens, Athens, Greece.
6. 2010-2013 /Postdoctoral Researcher, University Medical Center Utrecht, Utrecht, The Netherlands/ Netherlands Metabolomics Center (NMC).
7. 2007-2011 /PhD Student, Harokopio University, Athens, Greece.

Teaching Experience

1. 2022-onwards/ Academic Lecturer, University of West Attica. Teaching subject: Clinical Chemistry I, Biochemistry in Foods.
2. 2021-2022/ Adjunct Assistant Professor, Agricultural University of Athens. Teaching subject: Pharmacognosy and bioactivity of natural products.
3. 2019-2021/ Teaching in MSc program "Industrial Pharmacy" Department of Pharmacy, Aristotle University of Thessaloniki.
4. 2018-2020/ Teaching in MSc program "Cosmetology-Preparation and Evaluation of Cosmetic Products", Department of Pharmacy, University of Patras
5. 2007-2010/ Lab Demonstrator in Biochemistry Laboratory, Harokopio University, Athens, Greece.
6. 2004-2006/ Lab Demonstrator in Analytical Chemistry Laboratory, University of Crete, Crete, Greece.
7. Supervision: 4 PhD students | 5 MSc students | 5 BSc students

Research Grants

14 participations in European Research projects: Principal Investigator in 1 | Postdoctoral Researcher in 5 | MC committee in 3 | WP/Task coordinator in 3 | Team Member in 2 | 5 successful submissions.

Participation in Conferences

50 Participations | 25 posters | 4 conference papers | 13 invited talks

Publications

30 Scientific Journal Publications | 5 patents | 1 handbook