

ERA Chairs Project “Boosting Bio-Innovation and Bio-Entrepreneurship by Establishing Excellence in Biomolecular Engineering and Synthetic Biology”



Call for Junior Group Leaders in “Biomolecular Engineering & Synthetic Biology” & “Protein Misfolding & Aggregation”

The Biomedical Sciences Research Center “Alexander Fleming” (FLEMING) is the top-ranked research center in the Life Sciences in Greece. FLEMING has gained international recognition for its pioneering research towards understanding the molecular basis of human diseases, such as autoimmune disorders, cancer, neurodegeneration and osteoporosis, and the development of new approaches for their diagnosis and treatment. The Centre’s major goal for the coming years is to support excellent research with a focus on innovation. In this direction, FLEMING has recently established the new Institute of Bio-Innovation with a mission to advance basic research discoveries towards innovation in the areas of biotechnology and drug discovery and convert them to tangible outcomes for the economy and the society. Furthermore, FLEMING has planned the establishment of the national R&I infrastructure “Biotechnopolis”, the first integrated Biotechnology hub in Greece and the wider region, to foster the development of innovative biomedical, biotechnological and pharmaceutical products and technologies through the creation of a fertile environment offering access to excellent research, high-end infrastructures and a culture of entrepreneurship close to academia. The goal of Boost4Bio is to attract and maintain an exceptional researcher and innovator in Biomolecular Engineering & Synthetic Biology to establish a new excellent team at FLEMING, promote the integration of basic and applied research, boost bio-innovation and bio-entrepreneurship at the Center, and lead the establishment of “Biotechnopolis”. Boost4Bio will have a major impact on the promotion of excellence in biomedical research, training and innovation in Greece, will support the proper establishment of a new and unique Excellence Unit in Greece and the wider region, and will contribute to the creation of new career prospects and the prevention of the brain drain phenomenon, which is particularly acute in this area of the Union.

Junior Group Leader 1 – Protein Misfolding & Aggregation

We are seeking a highly motivated junior group leader (JGL) to join our Biomolecular Engineering & Synthetic Biology at the Institute for Bio-innovation of the Biomedical Sciences Research Center “Alexander Fleming” in Vari, Athens, Greece (www.fleming.gr). One of the main research directions of our group focuses on the discovery of molecules rescuing the misfolding and aggregation of proteins associated with human disease, such as Alzheimer’s disease, eye cataracts and systemic amyloidosis. The JGL will be responsible for carrying out high-level research, as well as the day-by-day research and management of a research subgroup, and for reporting to the Principal Investigator for timely delivery and implementation of research goals and project objectives. The JGL will also be responsible for writing grant proposals and reporting on research grants and scientific papers, as well as engaging with EU, academic and industrial partners and collaborators. Positions will be fully funded by the [ERA Chairs Grant “Boost4Bio”](#) and the [ERC Consolidator Grant “ProMiDis”](#).

Expressions of interest should be sent electronically to **Dr Georgios Skretas** (skretas@fleming.gr) and should contain a cover letter outlining the candidate’s research interests and areas of expertise

(maximum 1 page) and a CV including full publication list and contact information of at least two or more referees.

Deadline for expression of interest 15/3/2025

More information about the lab and the position can be requested at: georgios_skretas_lab@fleming.gr
Applications must be submitted to: skretas@fleming.gr

Research Field: Life Sciences, Biological or Biomedical sciences, Chemistry or Biochemistry

Education Level: PhD

Required qualifications: Significant post-doctoral research experience & high-impact journal publications related to protein misfolding & aggregation, experience in grant proposal preparation, experience in supervision of junior researchers

Work Location

Biomedical Sciences Research Center "Alexander Fleming"/ Institute for Bio-innovation, Vari, Greece

Junior Group Leader 2 – Biomolecular Engineering & Synthetic Biology

We are seeking a highly motivated junior group leader (JGL) to join our Biomolecular Engineering & Synthetic Biology at the Institute for Bio-innovation of the Biomedical Sciences Research Center "Alexander Fleming" in Vari, Athens, Greece (www.fleming.gr). The JGL will be responsible for carrying out high-level research, as well as the day-by-day research and management of a research subgroup, and for reporting to the Principal Investigator for timely delivery and implementation of research goals and project objectives. The JGL will also be responsible for writing grant proposals and reporting on research grants and scientific papers, as well as engaging with EU, academic and industrial partners and collaborators. Positions will be fully funded by the [ERA Chairs Grant "Boost4Bio"](#) and the [ERC Consolidator Grant "ProMiDis"](#).

Expressions of interest should be sent electronically to **Dr Georgios Skretas** (skretas@fleming.gr) and should contain a cover letter outlining the candidate's research interests and areas of expertise (maximum 1 page) and a CV including full publication list and contact information of at least two or more referees.

Deadline for expression of interest 15/3/2025

More information about the lab and the position can be requested at: georgios_skretas_lab@fleming.gr
Applications must be submitted to: skretas@fleming.gr

Research Field: Life Sciences, Biomolecular Engineering, Synthetic Biology, Biological or Biomedical sciences, Chemistry or Biochemistry

Required qualifications: Significant post-doctoral research experience & high-impact journal publications related to biomolecular engineering & synthetic biology, experience in grant proposal preparation, experience in supervision of junior researchers

Work Location

Biomedical Sciences Research Center "Alexander Fleming"/ Institute for Bio-innovation, Vari, Greece