

MASSTRUCT project will establish a world class Biomolecular Mass Spectrometry Research Facility for Excellence in the Biomedical Sciences Research Centre "Alexander Fleming". A key aim is to build an excellent team to advance research in biomolecular MS and structural biology, thus invaluablely improving our understanding of fundamental biological processes, and assisting the development of new drug discovery strategies. Biomolecular analysis by MS has emerged as a key tool for interrogating the conformational landscapes and interaction networks of proteins and their complexes, thus invaluablely improving our understanding of fundamental biological processes, and assisting the development of new drug discovery strategies. The newly formed group will advance fundamental research at the interface between structural biology and chemistry.

1. Junior Group Leader

We are seeking a motivated junior group leader (JGL) to join our newly established lab at the Institute for Bioinnovation, Biomedical Sciences Research Center "Alexander Fleming" in Vari, Athens, Greece (www.fleming.gr). Our research focuses on understanding molecular mechanisms of membrane proteins utilising biological mass spectrometry and other structural biology tools. The JGL will be responsible for the day-by-day research and management of the research lab and for reporting to the Group Leader (ERA Chair/) for timely delivery and implementation of research goals and project's objectives. The JGL will also be responsible for carrying out high level research, writing and reporting on research grants and scientific papers as well as engaging with EU, academic and industrial partners and collaborators. Positions will be competitively funded by an [ERA Chair Grant \(MASSTRUCT\)](#)

Expressions of interest should be sent electronically to **Dr Argyris Politis** (argyris.politis@manchester.ac.uk) and should contain a cover letter outlining the candidate's interests and areas of expertise (maximum 1 page) and a CV including full publication list and contact information of two or more referees.

Deadline for expression of interest 13/12/2024

For more information about the lab, please visit:

<https://politislab.uk/>

<https://www.fleming.gr/>

Where to apply

E-mail: argyris.politis@manchester.ac.uk

Requirements

Research Field: Biological or biomedical sciences, biochemistry, chemistry

Education Level: PhD or equivalent

Work Location(s)

Number of offers available 1

Company/Institute Biomedical Sciences Research Center "Alexander Fleming"/ Institute for Bioinnovation

Country Greece

2. Project Manager

We are seeking a self-motivated project manager to [ERA Chair Grant \(MASSTRUCT\)](#) in our newly established lab at the Institute for Bioinnovation, Biomedical Sciences Research Center

"Alexander Fleming" in Vari, Athens. Our research focuses on understanding molecular mechanisms of membrane proteins utilising biological mass spectrometry and other structural biology tools. The project manager will be jointly responsible for realising the objectives of the project and support the ERA Chair and other members of the Politis Lab. The manager will work closely with the research grants office at B.S.R.C. 'Alexander Fleming' to perform your role as support to the project and ERA Chair. The project manager, among else, will manage and organise international meetings, seminars and projects with academic and industrial partners; provide support with the reporting of the results from the projects to EU and other the funding organisations; critically examine reports and policy documentation, provide feedback on research applications and grants, identify governmental and industrial funding opportunities in the EU, Greece and beyond and advise about suitable partners in particular with academia, industry and other societal stakeholders. Positions will be competitively funded by an [ERA Chair Grant \(MASSTRUCT\)](#)

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<https://www.fleming.gr/>

Where to apply

E-mail: argyris.politis@manchester.ac.uk

Requirements

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

Education Level: BSc, MSc or equivalent

Work Location(s)

Number of offers available 1

Company/Institute Biomedical Sciences Research Center "Alexander Fleming"/ Institute for Bioinnovation

Country Greece

3. Postdoctoral Fellow in Structural Mass Spectrometry

We are seeking motivated postdoctoral fellows to join our newly established lab at the Institute for Bioinnovation, Biomedical Sciences Research Center "Alexander Fleming" in Vari, Athens. Our research focuses on understanding molecular mechanisms of membrane proteins utilising emerging technologies such as biological mass spectrometry and other structural biology tools. We invite excellent postdoctoral fellows with strong background in structural mass spectrometry who are self-motivated, highly organised and works as part of a team. We are seeking particularly candidates with expertise in hydrogen deuterium exchange mass spectrometry (HDX-MS) and/or other structural proteomics methods. Essential duties include extensive experience in working with proteins (membrane or soluble), and developing related

tools and methods for mass spectrometry applications. Positions will be competitively funded by an [ERA Chair Grant \(MASSTRUCT\)](#)

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<https://www.fleming.gr/>

Where to apply

E-mail: argyris.politis@manchester.ac.uk

Requirements

Research Field: Biochemistry, chemistry, analytical sciences, biological sciences

Education Level: PhD or equivalent

Where to apply

E-mail: argyris.politis@manchester.ac.uk

Requirements

Research Field: Chemistry, Biochemistry, Biological or biomedical sciences,

Education Level: PhD or equivalent

Work Location(s)

Number of offers available 1

Company/Institute Biomedical Sciences Research Center "Alexander Fleming"/ Institute for Bioinnovation

Country Greece

4. Postdoctoral Fellow in Membrane Structural biology

We are seeking motivated postdoctoral fellows to join our newly established lab at the Institute for Bioinnovation, Biomedical Sciences Research Center "Alexander Fleming" in Vari, Athens. Our research focuses on understanding molecular mechanisms of membrane proteins utilising emerging technologies such as biological mass spectrometry and other structural biology tools. We invite excellent postdoctoral fellows with strong background in membrane structural biology who are self-motivated, highly organised and works as part of a team. We are seeking particularly candidates with expertise in expression and purification of membrane proteins. Essential duties include extensive experience in working with membrane proteins, lipids and developing related methods (e.g. biophysical or biochemical). Desirable but not essential skills include knowledge of HDX-MS or related structural mass spectrometry techniques. Positions will be competitively funded by an [ERA Chair Grant \(MASSTRUCT\)](#)

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candidate's interests and areas of expertise (maximum 1 page) and a CV including full publication list and contact information of two or more referees.

Deadline for expression of interest 13/12/2024

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<https://www.fleming.gr/>

Where to apply

E-mail: argyris.politis@manchester.ac.uk

Requirements

Research Field: Biochemistry, chemistry, analytical sciences, biological sciences

Education Level: PhD or equivalent

Where to apply

E-mail: argyris.politis@manchester.ac.uk

Requirements

Research Field: Biological or biomedical sciences, biochemistry, chemistry

Education Level: PhD or equivalent

Work Location(s)

Number of offers available 1

Company/Institute Biomedical Sciences Research Center "Alexander Fleming"/ Institute for Bioinnovation

Country Greece

5. Communications Manager

We are seeking a self-motivated communications manager to [ERA Chair Grant \(MASSTRUCT\)](#) in our newly established lab at Institute for Bioinnovation, Biomedical Sciences Research Center "Alexander Fleming" in Vari, Athens. Our research focuses on understanding molecular mechanisms of membrane proteins utilising biological mass spectrometry and other structural biology tools. The communications manager will be jointly responsible for realising the dissemination, exploitation and communication (DEC) objectives of the project and support the ERA Chair and other members of the Politis Lab in timely communicating the research results from the project. The manager will work closely to the research support office at B.S.R.C. 'Alexander Fleming' to perform their role. The communications manager, among else, will be responsible for developing and implementing DEC and data management plans. They will support all communications to EU and other academic and industrial partners. They will develop and maintain a project and group website and identify suitable communication channels with respect to the project.

Positions will be competitively funded by an [ERA Chair Grant \(MASSTRUCT\)](#)

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<https://www.fleming.gr/>

Where to apply

E-mail: argyris.politis@manchester.ac.uk

Requirements

Research Field: All Disciplines

Education Level: BSc, MSc or equivalent

Work Location(s)

Number of offers available 1

Company/Institute Biomedical Sciences Research Center "Alexander Fleming"/ Institute for Bioinnovation

Country Greece