

Flavien Bessaguet is seeking a fellow for MSCA PF 2024 in chemoresistance



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Marie
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Actions

9 Jan 2024

Hosting Information

Offer Deadline	Mon, 15 Apr 2024 - 19:00
EU Research Framework Programme	HE / MSCA
Country	France
City	49035 ANGERS Cedex

Organisation/Institute

Organisation / Company	Université d'Angers
Laboratory	MitoVasc
Is the Hosting related to staff position within a Research Infrastructure?	No

Contact Information

Organisation / Company Type	Higher Education Institute
Website	http://www.univ-angers.fr/fr/recherche/contacts.html https://www.researchgate.net/profile/Flavien-Bessaguet-3 https://mitovasc.univ-angers.fr/en/index.html
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Description

Flavien BESSAGUET is currently a lecturer in physiology and pharmacology at the Faculty of Health's Pharmacy Department at the University of Angers. He is a researcher in MitoVasc institute (CarMe team) and is a specialist of peripheral nervous system.

About MitoVasc Laboratory

The MitoVasc institute is composed by two teams (Mitolab and CarMe) and is supported by funding from the University of Angers, as well as the French National Institute of Health and Medical Research (INSERM) and the French National Center for Scientific Research (CNRS). Situated in part within the hospital facility, the MitoVasc institute comprises around a hundred researchers, physicians and Ph.D. students specializing in diverse fields, including mitochondrial physiology, cardiovascular diseases, and oncology.

About the University of Angers

At the heart of the Pays de la Loire region and Anjou, Angers is a vibrant city, human-scale, and environmentally conscious. Angers has been repeatedly elected as the best city in France for quality of life. The University of Angers boasts a student body of 23,000, 1,037 professors, approximately 1,400 professionals, and nearly 700 staff members. Offering a diverse range of 400 degrees, the university is associated with national public centers such as CNRS, INRAE, and INSERM. Collaborating with 450 institutions globally, the University of Angers engages in research and education agreements. Since 2020, the university has been dedicated to the HRS4R label and actively participates in various European projects, notably MSCA actions.

Presentation of the project

Non-small cell lung cancer (NSCLC) ranks among the most lethal cancers globally. The incidence has followed a similar trend across EU-27 countries, exhibiting stability in men, and a notable increase, particularly in women, as observed in countries like France. Consequently, NSCLC is incorporated into one of the 17 Sustainable Development Goals (SDGs) endorsed by the United Nations. Despite the development of new therapies, treatment resistances are emerging, partly linked to the role of cells present in the tumor microenvironment. Thus, tumor-associated stromal cells (TASC), such as endothelial cells and peripheral nerve cells, may promote tumoral processes. Nevertheless, the communication mechanisms between nerve cells, endothelial cells, and cancer cells remain largely unknown particularly in lung cancer context. The project OncoNeuroEndo-miR (ONE-miR) suggests that (i) these different cell types communicate *via* miRNAs, (ii) these miRNAs are involved in cells physiology regulation and (iii) contribute to the development of anticancer agents' resistance.

Keywords : non-small cell lung cancer, cell biology, tumor microenvironnement, chemoresistance, miR

Eligibility

Applicants must comply with the mobility rule (having stay in France less than 12 months in the past 3 years before the 11th of September 2024). Applicants also must have maximum 8 years of research experience after graduating their (first) PhD.

If you are interested in this offer and have the required background, please apply by sending your CV and the application form (available here : <https://www.univ-angers.fr/en/research/funding-and-projects/cap-europe/msca-postdoctoral-fellowship.html>) to :

flavien.bessaguet@univ-angers.fr and cap-europe@univ-angers.fr

We encourage you to apply ASAP, if we receive applications that has an fitting profile, we will close the offer in Euraxess.