

Hosting offer for Marie Skłodowska-Curie Postdoctoral Fellowships (PF) 2022 at University of Antwerp / Centre of Excellence Infla-Med

[MSCA Postdoctoral Fellowships](#) are individual research grants offering excellent postdoctoral researchers the chance to develop their skills by means of international mobility. Through the implementation of an original and personalised research project, MSCA Postdoctoral Fellowships aim to foster excellence through training and mobility and to equip researchers with new skills and competences in order to identify solutions to current and future challenges.

The Infla-Med Centre of Excellence at the University of Antwerp invites motivated postdoctoral researchers to jointly prepare an application for the [MSCA-PF-2022 call Marie Skłodowska-Curie Postdoctoral Fellowships](#) call ([MSCA-PF-2022](#)) with them as host organisation.

Description of Hosting organisation/group

The Infla-Med Centre of Excellence conducts fundamental and translational research to pathophysiological processes of **inflammatory diseases by using a multidisciplinary approach**. The members of the Infla-Med consortium exchange (i) their expertise regarding design and synthesis of chemical tool compounds for target identification, characterization and inhibition; (ii) their platforms for *in vitro* and *in vivo* testing; (iii) a series of animal models to obtain new insights regarding inflammatory diseases which are of importance for clinical research; (iv) human samples to translate findings to the clinic.

<https://www.uantwerpen.be/en/research-groups/infla-med/>

Topics/expertise

If you are interested in **preclinical research in inflammatory diseases** and if you can accelerate one of the research lines listed below by bringing in your own specific expertise (e.g. *in vitro* assays, animal model testing, synthesis of tool compounds) we can look for an **innovative project application with a two-way transfer of knowledge in one of the Infla-Med research groups**. Within Infla-Med, several PIs have successfully hosted MSCA-PFs and are familiar with the MSCA application requirements, hence enhancing your chances of success. To prepare your project application, you will be assisted by the Infla-Med research manager.

Research topics within Centre of Excellence Infla-Med		
Topic	background	Research group
Regulated cell death and survival	Modulation of ferroptosis, necroptosis, pyroptosis and autophagy in the field of cardiovascular diseases, cancer and neurodegeneration.	Medicinal Chemistry, Cell Death and Inflammation Research group, Physiopharmacology, Medical Biochemistry
Hypersensitivities	Allergies/anaphylaxis and activation of mast cells and basophils	Immunology
Respiratory infections	Respiratory Syncytial Virus, COVID-19, tuberculosis	LMPH, LEMP
Neglected parasitic diseases	Host-parasite interactions, drug screening, single domain antibodies	LMPH, Medical Biochemistry

	(Leishmaniasis, Trypanosomiasis, malaria)	
Gastrointestinal disorders	Visceral hypersensitivity and barrier function (Irritable Bowel Syndrome and Inflammatory Bowel Disease), mucin-microbiota interactions, Mucin mRNA isoforms in health and disease, breathomics for gastro-intestinal and respiratory diseases	LEMP
Cardiovascular disorders	Atherosclerosis, chronic heart failure, cardiovascular ageing, safety pharmacology	Physiopharmacology, Cardiovascular Diseases
Oncology	Protease-guided tumor targeting, nanomedicinal ferroptosis therapeutics, cardio-oncology	Medicinal Chemistry, Medical Biochemistry , Cell Death and Inflammation Research group , Physiopharmacology

Your profile

- Expected qualifications/expertise of the candidate: PhD in Sciences (Exact or Applied), Life Sciences or Medicine or equivalent
- You must have a completed PhD at the time of the call deadline (14 September 2022).
- Candidates must have a maximum of 8 years full-time research experience from the PhD award date until September 14, 2022. Periods of inactivity in research (e.g. unemployment, periods of employment outside research, parental or sick leave) do not count towards the time of research experience.
- For European fellowships, candidates can be of any nationality and must not have resided or carried out their main activity (work, studies, etc.) in Belgium for more than 12 months in the 36 months immediately before September 14, 2022.
- Highly motivated candidate with an excellent research track record appropriate to career stage, as evidenced by academic publications and other scientific output.

What we offer

- Support and guidance for the preparation of your MSCA PF proposal
- A short mobility grant (2-5 days) to meet the potential supervisor and host group in Antwerp and to develop a solid fellowship application
- A stimulating, interdisciplinary environment for high-level research.

How to apply?

Indicate your interest by contacting the host institution as follows:

Please contact Maya Berg by e-mail (maya.berg@uantwerpen.be) with a short CV and motivation to indicate your interest to prepare a MSCA-PF application.

After the supervisor agrees to support you as a MSCA-PF candidate, you can start preparation of MSCA PF project proposal and will be supported further by the supervisor and the Research Support Office of the host university. For more information on the MSCA PF scheme or the host institution, you can contact the MSCA coordinator of the University of Antwerp: Dr. Liesbet Cockx (Research, Innovation & Valorisation Antwerp, Grants Office): Liesbet.cockx@uantwerpen.be