

Open Positions for Postdoctoral Fellows in Inflammation Biology

Short Summary: The Bergthaler laboratory at the CeMM Research Center for Molecular Medicine of the Austrian Academy of Sciences in Vienna, Austria is looking for Postdoctoral Fellows to investigate fundamental molecular questions in the areas of infection, inflammation and pathology. Hypothesis- and data-driven approaches are combined to address pertinent pathophysiological questions on the organ and organism level. Recent studies include Schliehe C et al. *Nature Immunology* 2015, Bhattacharya A et al. *Immunity* 2015, Khamina K et al. *PLoS Pathogens* 2017 and Kosack L et al. *Cancer Cell* 2019 (In Press).

We look for innovative scientists who wish to make a difference to our fundamental understanding of inflammation. How are inflammatory processes initiated, regulated and resolved? When does this lead to pathology? How may inflammation be harnessed for immunotherapeutic opportunities?

The host laboratory is interested in local vs. systemic inflammation, immunoregulation, organismal immunometabolism, inter-organ communication and tissue pathology. We employ cutting-edge technologies (e.g. mouse genetics, virus reverse genetics, single cell sequencing, metabolomics, metabolite tracing, CRISPR screens, computational biology) in order to unravel the molecular underpinnings of inflammation.

Several projects are available which will benefit from established *in vivo* disease models, preliminary data, strong bioinformatics support, access to world class core facilities (e.g. sequencing, metabolomics, proteomics, drug screens) and an international and highly collaborative environment.

Your Profile:

- + PhD in a relevant field (e.g. Immunology, Virology, Molecular Biology, Genomics, Epigenetics, Tissue Biology, Computational Biology, Technology Development) or MD/DVM degree.
- + Successful publication track record with at least one first-author paper in a peer-reviewed journal.
- + Critical, creative, interdisciplinary and proactive mindset.
- + Team player with strong communication skills.

The Lab: The principal investigator Dr. Bergthaler received training in premier laboratories at the University and ETH Zurich, University of Tokyo and at the Institute for Systems Biology in Seattle. His team consists of nine members representing seven nationalities and different scientific backgrounds, who closely collaborate across projects. The Bergthaler lab is supported by competitive funding from the European Research Council (ERC), the Austrian Science Fund (FWF) and the Austrian Academy of Sciences.
Lab Twitter account: <https://twitter.com/Bergthalerlab> Lab website: <http://www.bergthaler1.at>

The Institute: CeMM is a biomedical research institute of the Austrian Academy of Sciences and founding member of EU-LIFE (<http://eu-life.eu>). CeMM provides a collaborative and dynamic environment for its employees from more than 44 nationalities. CeMM aims to promote equality of opportunity for all with the right mix of talent, competences, and potential and thus we welcome applications from candidates with diverse backgrounds. More information about CeMM: <http://cemm.at/>

The Location: Austria's capital Vienna is located in the heart of Europe and ranks as one of the most attractive cities worldwide. Vienna hosts one of the headquarters of the United Nations, which together with many academic institutions and companies results in a vibrant melting pot of expat communities who may enjoy, for example, numerous cultural and culinary occasions or the nearby outdoors of the Vienna Woods.

Your application:

Please submit your application at <https://cemm.jobbase.io/job/9rllzqiw> and include a cover letter, CV, academic transcripts, and contact details of three referees. Deadline for application is 31 January 2019. Applications will be reviewed on a rolling basis. Starting dates are flexible.