

The Cluster of Excellence **ImmunoSensation²** is inviting applications for

PhD student positions (65%) and Postdoc positions (100%)

The positions are initially limited to three years with the possibility of extension.

ImmunoSensation² is a DFG-funded Cluster of Excellence dedicated to investigating innate immunity beyond the boundaries of classical immunology. Internationally renowned researchers of the University of Bonn Medical Faculty and Faculty of Mathematics and Natural Sciences, and the German Center for Neurodegenerative Diseases (DZNE) of the Helmholtz-Society investigate the sensing mechanisms of the innate immune system and resulting molecular mechanisms of immune activation. In a joined effort, immunologists, neuro-biologists, systems biologists and mathematicians aim to connect the status of the immune system, the metabolism and the nervous system to disease states. To do so, a broad spectrum of cutting-edge and state-of-the-art technologies ranging from high-resolution microscopy, flow cytometry, genomics, transcriptomics and epigenetics are available to investigate specific aspects of inflammation associated diseases.

PhD students will be admitted to the *Bonn International Graduate School Immunosciences and Infection*. PhD students and postdocs will benefit from state-of-the-art technologies, high-end laboratories, a vibrant scientific network and an internationally competitive scientific training program.

The ideal candidate will be highly motivated and team-oriented with a strong interest in immunology, a first-class academic degree in a life science-related discipline (Master's degree or equivalent for PhD positions), a strong background in molecular biomedicine, molecular biology, biochemistry or cell biology and enthusiasm for working in the highly-competitive field of innate immunity research. Candidates for postdoctoral positions should have an outstanding scientific track record including publications in peer-reviewed journals and strong communicative skills (fluent English in writing and in speaking) necessary for working in an international research landscape.

We offer:

- The salary will be according to the German salary scale TV-L (EG 13)
- A "Jobticket" (subsidized public transport) is available
- There is also a possibility to use the day care center
- Supplementary benefits in the public sector (pension plan according to VBL)

The University of Bonn is committed to diversity and equal opportunity. It is certified as a family-friendly university. It aims to increase the proportion of women in areas where women are under-represented and to promote their careers in particular. It therefore urges women with relevant qualifications to apply. Applications will be handled in accordance with the *Landesgleichstellungsgesetz* (State Equality Act). Applications from suitable individuals with a certified serious disability and those of equal status are particularly welcome.

Applicants should send their application in a single pdf file (max. 5 MB) including cover letter, CV, scanned academic degrees, list of publications and the contact details of two references. More information on science, projects and project leaders will be provided during the recruitment process. Successful candidates can begin on May 1, 2019 or later.

Please send your application by email under indication of reference number 192_2019 to the Cluster Coordination Office within two weeks after publication to

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