



The Cluster of Excellence **ImmunoSensation<sup>2</sup>** is inviting applications for a

**PhD student position (m/f/d) (65%)  
in Cancer Immunology**

at the Bonn Graduate School of Immunosciences and Infection

The position is initially limited to 3 years

ImmunoSensation<sup>2</sup> is a Cluster of Excellence funded by Germany's Excellence Strategy at the University of Bonn. Participating scientists are dedicated to investigating innate immunity beyond the boundaries of classical immunology. In a joint effort, immunologists, neurobiologists, systems biologists and mathematicians of the University of Bonn and the German Center for Neurodegenerative Diseases (DZNE) of the Helmholtz Association aim to connect the status of the immune system, the metabolism and the nervous system to disease states. ImmunoSensation<sup>2</sup> is embedded into the outstanding research environment of the University of Bonn, the University Hospital and the DZNE. Furthermore, ImmunoSensation<sup>2</sup> is internationally connected and maintains research partnerships with Australia (Melbourne University), Japan (Osaka University, Kyoto University), Brazil (University of Sao Paulo) and the Netherlands (Radboud University, Nijmegen). Students will have the opportunity to receive additional financial support to participate in a student exchange program (3 to 6 months) with selected principal investigators at these partner universities.

PhD students will be admitted to the Bonn International Graduate School Immunosciences and Infection. In this structured PhD program, students gain experience with state-of-the-art technologies and become part of 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 and tumor biology, have a first-class academic degree in a life science-related discipline (Master's degree or equivalent), a strong background in immunology, molecular biomedicine, molecular biology, biochemistry or cell biology and enthusiasm for working in the highly-competitive field of cancer immunology research. Candidates should have strong communicative skills (fluent spoken and written English) since these are necessary for work in an international research landscape. Previous hands-on experience in immunological techniques such as multidimensional flow cytometry and in vivo models is desired.

**We offer:**

- The position is part of a joint German Research Foundation (DFG)-funded project together with the group of Prof. Dr. Yang Shi at RWTH Aachen, in which state-of-the-art nanovesicle engineering will be combined with sophisticated in vivo models to study and target T and B cells of the adaptive immune system in the context of cancer immunology and cancer immunotherapy ([Wang et al., J Control Release 2023](#), [Gutiérrez-Melo & Baumjohann, Trends Cancer 2023](#)).
- The salary will be according to the German salary scale TV-L (EG 13)



- Corporate public transport ticket for the VRS (Verkehrsverbund Rhein-Sieg) or the option of an interest-free loan for the purchase of an e-bike
- 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 motivation letter, CV, scanned academic degrees, list of publications and the contact details of two references.

The successful candidate can begin on September 1<sup>st</sup>, 2025 or at a later time upon request.

#### **Contact:**

Please send your application by email using the reference number ST-13098 to Prof. Dr. Dirk Baumjohann until **June 15<sup>th</sup>, 2025**:

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