The Dudeck Lab, focused on studying Mast cell functions in innate and adaptive immunity and their intercellular communication skills invites applications for

2 POSTDOC POSITIONS (TVL-E13)

- at the Institute for Molecular and Clinical Immunology, Otto-von-Guericke University Magdeburg, Germany
- expected starting date: February 1st, and March 1st, 2020

Research focus of the lab

The group is focused on studying the functional relevance of Mast cells in innate and adaptive immune responses, and in acute and chronic inflammation in vivo using novel transgenic mouse models. We are especially interested in the intercellular communication of Mast cells with tissue resident innate immune cells, i.e. macrophages and dendritic cells, and with infiltrating innate and adaptive effector cells, i.e. neutrophils, T cells. To this end we are combining high-end microscopy techniques with molecular biology, cell biology and immunology approaches.

(for recent work and ongoing projects please have a look at http://www.med.uni-magdeburg.de/unimagdeburg/en/Institutes/Molecular+and+Clinical+Immunology/Research/Groups/Group+Dudeck-p-20007680.html)

Desired skills and experience

We are looking for highly self-motivated candidates with an excellent doctorate, a genuine interest in immunology/inflammation research and very good team-working capabilities. Significant experience in molecular biology and cell biology methods, animal work and tissue processing is required. Experience in innovative microscopy techniques is preferable.

We offer

diverse and exciting work in a young research group, based on a variety of innovative methods. Moreover, the candidates are encouraged to develop own project ideas within the context of our main research focus. Our group is embedded in a high quality institute for molecular and clinical immunology including key technologies such as complex imaging resources. Additionally, our institute is linked to a variety of research networks which strengthen our profile as a center for the analysis of signaling pathways and of cell contacts within the immune system.

The contracts will be limited to two years, or three years, respectively. The contract conditions and the salary will be according to the collective labor agreement for public service employees of the federal states of Germany (PostDoc position TV-L E13).

Candidates are encouraged to send their application including CV, list of publication, a short description of research experience, interests or ideas, and the contact details of two references until January 15th 2020 as a single-pdf document to Prof. Dr. Anne Dudeck (anne.dudeck@med.ovgu.de).

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