



Inflammation at Interfaces



Inflammation research represents one of the fastest growing academic disciplines with a large potential for translation into novel diagnostics and therapies. The universities of Kiel and Lübeck, the Leibniz Center for Medicine and Biosciences (Borstel) and the Max Planck

Institute for Evolutionary Biology (Plön), have established the multi-disciplinary research network (since November 2007: Cluster of Excellence) "Inflammation at Interfaces". Focus is the study of mechanisms of chronic inflammatory diseases of barrier organs (e.g.

lung, skin, intestine).

The DFG Cluster of Excellence provides superb infrastructures and career perspectives to young researchers. In different thematic areas are immediately available

9 Positions for Young Group Leaders within three Integrative Research Networks in the Cluster of Excellence.

The Integrative Research Network "Cytokine Signaling via gp130" seeks

4 Postgraduate Scientists to lead Independent Junior Groups

Candidates are expected to have an excellent research record in the respective field and to be willing to contribute to one of these five major research areas:

- Structural and molecular design of novel cytokine antagonists.
- Invertebrate model organisms.
- Novel transgenic animal models for chronic inflammatory and infectious diseases.
- Infection driven inflammation models (i.e. experimental models of Tuberculosis and Chagas Disease).
- Pharmacogenomics of gp130 in human Crohn disease.

Inquiries will be welcomed by Prof. S. Rose-John, e-mail rosejohn@biochem.uni-kiel.de

The Integrative Research Network "NOD-like Receptors" seeks

4 Postgraduate Scientists to lead Independent Junior Groups

Candidates are expected to have an excellent research record in the respective field and to be willing to contribute to one of the major research areas of the Integrative Research Network:

- Phylogeny and evolution of genetic variability in NLRs.
- Structural biology of NLRs and their cognate ligands.
- Phagolysosomal compartments and PAMP recognition.
- Sequence variants in NLR genes and human inflammatory diseases.

Inquiries will be welcomed by Prof. P. Rosenstiel, e-mail p.rosenstiel@mucosa.de

The Integrative Research Network "Autoimmunity to Type VII Collagen" seeks
1 Postgraduate Scientist to lead an Independent Junior Group

The candidate is expected to have an excellent research record in the respective field and to be willing to contribute to the major research areas of the Integrative Research Network (hosted in Borstel):

- Inflammatory pathways in autoimmunity to type VII collagen.
- Autoimmune driven animal models.
- Innate immune effector functions and their related signalling pathways.

Inquiries will be welcomed by PD Dr. F. Petersen, e-mail fpeters@fz-borstel.de or Prof. D. Zillikens, e-mail detlef.zillikens@uk-sh.de

The Cluster of Excellence offers state-of-the-art research facilities and a supportive multi-disciplinary environment including established models for molecular biological research, animal facilities and infection models. The positions will be hosted in different academic institutions throughout the cluster (Kiel, Lübeck, Borstel). Candidates are expected to have a PhD as well as an excellent research record in the respective field. Salary depends on legal and personal qualification and experience of the successful candidate and will be up to grade E14 (TV-L). Contracted hours are currently at 38.7 hours/week.

Younger postdocs are offered their own laboratory in association with one of the existing research groups. Positions (approx. 3 years initial contract) can be extended for up to 5 years. Experienced postdocs will be offered to lead an independent junior research group including a budget for personnel, equipment

and consumables.

Information about the Cluster of Excellence 'Inflammation at Interfaces' can be found at <http://www.inflammation-at-interfaces.de>.

Applications are accepted preferably as PDF including a covering letter, CV, list of publications, a summary of scientific achievements and a short three-year research plan as well as three references with contact information.

The institutions are equal opportunities employers.

The state government and the institutions support the employment of disabled persons. Persons with disabilities will, with appropriate qualifications and aptitudes, be employed preferentially.

The institutions offer a family-friendly working environment and are proactive with respect to double-career families. The institutions strongly encourage women with appropriate qualifications to apply for the positions. Women with equivalent qualifications, competence and expertise will be given preference.

Closing date is 3 weeks after publication of the advertisement. Applications should be marked with the thematic area (e.g. "gp130") and sent to:

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