The Iden lab will soon move to Saarland University, establishing the new Institute for Cell and Developmental Biology at the Faculty of Medicine, campus Homburg. We will have openings for a

Postdoctoral researcher (f/m/x)
PhD student (f/m/x)
Technician (BTA; f/m/x)

Our group ... investigates mechanisms of mammalian cell polarity and fate control in development, tissue homeostasis and diseases including cancer. We ask how changes in cell shape and intercellular communication are coordinated in self-renewing tissues like the skin epidermis, and study how cell polarity, cell adhesion and mechanical signals are coupled at the molecular, cellular and organismal level to ensure proper tissue function. Combining mouse genetics and disease models with primary co-culture systems, imaging and biophysical approaches, we aim to understand causal relationships between disturbed polarity signaling and disease. Moreover, we examine mechanisms underlying tissue-scale intercellular communication, e.g. between epithelial cells, melanocytes, and immunocytes.

Research environment: The research group is part of the interfaculty Center of Human and Molecular Biology (ZHMB, bridging the medical and natural & technical sciences faculties), and is embedded in a strong interdisciplinary research environment with highly collaborative basic and clinically-oriented science programs and state-of-the-art laboratory infrastructure. For specific techniques, initial training may be arranged in the current laboratory at CECAD, University of Cologne.

We seek ... enthusiastic and creative candidates who are motivated to answer exciting biological questions. Applicants should have a Master of Science degree (PhD student applicants) and PhD (postdoc applicants) in biology, biochemistry, biophysics or related, and a strong interest in cell biology and biomedicine. Proficiency in molecular biology, biochemistry and cell culture techniques is expected. Strong background in imaging techniques, in vivo analyses, or mechanobiology tools are welcome. For the technician, preference will be given to candidates with prior experience in mouse models and related qualification. Ability for problem solving and critical thinking, good communication skills, fluency in English, and a sense for teamwork are crucial. We enjoy diversity in our team, and we strongly support a gender-balanced work environment.

The positions ... are available from January 2020, initially limited to 2 years (postdoc, PhD student) or 18 months (technician), with the possibility of extension. The salary will be based on wage requirements and personal qualifications according to TV-L of the pay scale for the German public sector. Applications will be considered until the positions are filled.

For more information ... see the current Iden lab website, Iden lab Twitter account, or contact Sandra Iden directly (sandra.iden@uks.eu; phone 0221-478-89587).

To apply ... please send your complete application (incl. CV, certificates, a brief statement of research interests, and recommendation letter or contact information of two academic references; as single pdf file) by e-mail to sandra.iden@uks.eu.
Selected publications


**Saarland University** is a campus university with an international reputation for research excellence, particularly in computer sciences, life sciences and nanosciences. The university is also distinguished by its close ties to France and its strong European focus. Around 17.000 students, studying over one hundred different disciplines, are currently enrolled at Saarland University.

Saarland University offers a flexible work schedule allowing you to balance work and family, further education and professional development programs, university sports program, supplementary pension scheme, and a ‘Jobticket’ (discounted tickets on local public transport services).