The Faculty of Biology offers a full-time research position starting on December 1st, 2018 (E13 TV-L, non-permanent position)

Your Tasks
The PhD candidate will focus her/his research on the investigation of signal transduction mechanisms under inflammatory conditions using a transgenic mouse reporter for NF-κB to assess cellular stress using high-speed live-cell super-resolution microscopy. She/he will also utilize 2-photon, high speed super-resolution microscopy and microfluidic perfusion of live slices, to assess NF-κB inflammation markers in liver tissue under environmental control and environmental stress in close collaboration with partners from within our network. The candidate will benefit from training programs organized by partners of the DeLIVER network, providing PhD students with broad competences, experience, and skills in cutting-edge interdisciplinary research related to cutting-edge optical methods and bioinformatics. The project involves a series of assignments to academic and industrial partners in the United Kingdom and Norway.


Your Profile
• university degree or equivalent in biology
• experience in molecular biology, immunology, inflammation, cell biology, molecular cloning with fluorescent protein fusions.
• experience with molecular biology of gene regulation, especially NF-κB
• experience in fluorescence microscopy, ideally super-resolved structured illumination microscopy
• experience in time-lapse microscopy of living cells
• excellent knowledge of English (written and oral)
• ability to communicate and to work in a team
• good organisational and communication skills
• independent, well-organized, and dedicated style of work


Eligibility criteria of ISMR positions
• by the time of recruitment by the host organization, researchers must not have resided or carried out their main activity (work, studies, etc.) in Germany for more than twelve months in the last three times. Times of military, short stays, such as holidays, as well as times that have been required to achieve refugee status under the Geneva Convention, are not included.
• by the time of recruitment by the host organization, candidates must not have received a doctorate or equivalent
• by the time of recruitment by the host organization, candidates must be in the first four years (full-time equivalent) of their research career.
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Remuneration
Salary will be paid according to Remuneration level 13 of the Wage Agreement for Public Service in the Federal States (TV-L). As stipulated in § 2 (1) sentence 1 of the WissZeitVG (fixed-term employment), the contract will end after 3 years. In accordance with the provisions of the WissZeitVG and the Agreement on Satisfactory Conditions of Employment, the length of contract may differ in individual cases. The employment is designed to encourage further academic qualification. The position is advertised as a fulltime job. In principle, this full-time position may be changed into a part-time position, as long as this does not conflict with official needs.

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Application Procedure
For full consideration, your application should be received via either post or email (a single PDF) document sent to chris.blechschmidt@uni-bielefeld.de by the 24th of October 2018. Please mark your application with the identification code: wiss18217. Please do not use application portfolios and send only photocopies of original documents because all application materials will be destroyed at the end of the selection procedure.

Further information on Bielefeld University can be found on our homepage at www.uni-bielefeld.de.

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Bielefeld University has received a number of awards for its achievements in the provision of equal opportunity and has been recognized as a family friendly university. The University welcomes applications from women. This is particularly true with regard both to academic and technical posts as well as positions in Information Technology and Trades and Craft. Applications are handled according to the provisions of the state equal opportunity statutes.

Applications from suitably qualified handicapped and severely handicapped persons are explicitly encouraged.