13 PhD positions (m/f/d)
in biology, physics, engineering, chemistry, biochemistry, medicine, bioinformatics, biotechnology, modeling, image analysis or any other relevant field

are available in the Research Training Group **"Mechanobiology in Epithelial 3D Tissue Constructs"** (**ME3T**), which is funded by the German Research Council (DFG). **ME3T** provides a state-of-the-art research and training environment for highly motivated PhD candidates. The positions will start July 1, 2019. They are offered for three years (pay category: 13 TV-L). The successful candidate is expected to pursue a doctoral degree.

ME3T is coordinated by RWTH Aachen University (speaker Rudolf Leube). It integrates an interdisciplinary consortium of cell biologists, biophysicists and bioengineers investigating the mechanisms that influence the properties and formation of epithelial tissues. This basic research is aimed at contributing to the development of complex tissue constructs for studying, understanding and treating human diseases. The Research Training Group provides in-depth expertise in cell biology, biophysics and mathematical modelling of epithelial tissues, fosters the spirit of transdisciplinary collaboration and offers hands-on training in cutting-edge techniques of mechanobiology, tissue engineering and high resolution microscopy. A coherent, though flexible curriculum builds a solid foundation in the core concepts and key questions of mechanobiology. Combined with innovative qualification elements, professional skill development, international network building, and - most importantly - the opportunity to conduct independent research in a nurturing environment, **ME3T** aims to train scientists in the field of mechanobiology for competing at the highest international level. For further information see **me3t.rwth-aachen.de**.

Given the transdisciplinary character of the Research Training Group, candidates from diverse backgrounds including all, but not limited to life sciences should apply. Successful applicants should have an excellent Master's degree (or equivalent) in biology, physics, engineering, chemistry, biochemistry, medicine, bioinformatics, biotechnology, modeling, image analysis or any other relevant field. Excellent English language skills are a prerequisite.

RWTH Aachen University is certified as a family-friendly university and offers a dual career program for partner hiring. We particularly welcome and encourage applications from women, disabled people and ethnic minority groups, recognizing they are underrepresented across RWTH Aachen University. The principles of fair and open competition apply and appointments will be made on merit.

Please submit your application until **March, 31, 2019** electronically at:
https://me3t.rwth-aachen.de/application.html