



MAX PLANCK INSTITUTE FOR **BIOLOGY OF AGEING**



**The Max Planck Research Group „Skin Homeostasis and Ageing“  
headed by Dr. Sara Wickström**

is looking for

**PhD students (m/f) in Stem cell biology and genomics**

The successful candidate will join a young and dynamic research team in the analysis of stem cell regulation in tissue morphogenesis, maintenance and cancer. We employ a wide range of techniques, including mouse genetics, cell biology, live cell imaging, mass spectrometry and next generation sequencing to study how stem cell fate is regulated through interactions with their niche. The aim is to identify signalling networks and epigenetic mechanisms that regulate stemness and stem cell differentiation during development, ageing and tumour formation. This post is available from the **1st of November 2016**.

#### **Qualifications**

The applicant is required to hold a masters degree/diploma in biology, biochemistry or a related field, as well as strong written and oral communication skills. The working language is of the lab is English; knowledge of the German language is not necessary. Experience in one of the following methodologies: genetics, cell biology, or confocal imaging is an advantage.

#### **Research environment**

The Max Planck Institute for Biology of Ageing was founded in 2008 for the purpose of understanding fundamental mechanisms of healthy ageing. It is part of a broad network of research institutions in the Cologne-Bonn area dedicated to research on ageing and age-related disease, constituting a vibrant and collaborative environment for research. Equipped with state-of-the-art technology and excellent core facilities, to which the successful candidate would have access, the institute provides outstanding research opportunities for its scientists. The Institute hosts employees from 20 nations, and will grow to 350 members in the new building.

We offer a three-year fully funded PhD fellowship. The Max Planck Society is committed to employ more disabled individuals and especially encourages them to apply. We also seek to increase the number of women in those areas where they are underrepresented and especially encourage them to apply.

To apply, email a pdf-file containing a one-page letter with a personal statement outlining your research interests and relevant work experience, your CV and bibliography, contact information for 2-3 references, all in a single pdf-file to [Wickstroem@age.mpg.de](mailto:Wickstroem@age.mpg.de). For further information about the Institute and the Wickström lab see [www.age.mpg.de](http://www.age.mpg.de).