



Regulatory networks in the mRNA life cycle: from coding to noncoding RNAs

Our DFG-funded Research Training Group (RTG 2355) (Speaker: Prof. Dr. Albrecht Bindereif, Justus Liebig University of Giessen) offers positions for **12 Ph.D. candidates**, beginning on **July 1, 2018**.

This RTG is a research and qualification programme concentrating on **RNA-based gene-regulatory networks** in a broad range of model organisms. The two foci of interest in the participating groups are, first, the main stages of the **mRNA life cycle**, from transcription and mRNP biogenesis, RNA processing, translation, to mRNA decay; second, representative examples of **regulatory noncoding RNA** classes (eukaryotic microRNAs, long noncoding RNAs, circular RNAs, prokaryotic small RNAs). Thesis projects will cover a wide spectrum of approaches: from classical RNA biochemistry and cell biology to RNA-Seq and computational analyses. Specific research topics range from molecular principles of gene expression to disease-relevant questions in molecular medicine and innovative applications of RNA biotechnology.

More information on the research projects and contact addresses of the 12 groups are available at www.uni-giessen.de/RTG2355.

Ideal candidates have a M.Sc. degree (or equivalent) in Biology, Biochemistry or similar fields and are highly motivated to conduct multidisciplinary research. Practical experience in the field of research projects in this RTG is preferred.

The salary is in accordance with the German public service salary scale (E13 TV-H, 65%) for up to three years. The **Justus Liebig University of Giessen**, the **Max Planck Institute for Heart and Lung Research, Bad Nauheim**, and the **Philipps University of Marburg** are equal-opportunity employers and place particular emphasis on fostering career opportunities for women. Disabled persons with equivalent aptitude will be favored.

Applications (to maximally three project groups) should be submitted directly to the principal investigator by email. All application documents (motivation letter, CV, transcripts of records, at least two references or contact addresses of referees) should be contained within **a single PDF file**.

For further information please contact Lee-Hsueh Hung (gf1365@uni-giessen.de).