



UNIVERSITY
OF COLOGNE

Faculty of Mathematics and Natural Sciences

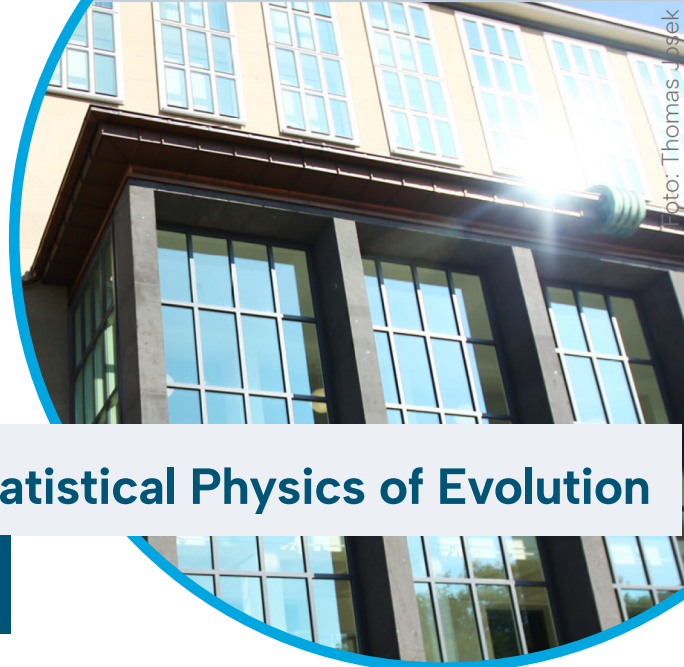


Foto: Thomas Jösel

Postdoctoral Position (f/m/x) in Statistical Physics of Evolution

Institute for Biological Physics & CRC 1310

We are one of the largest and oldest universities in Europe and one of the most important employers in our region. Our broad range of subjects, the dynamic development of our main research areas and our central location in Cologne make us attractive for students and researchers from around the world. We offer a wide range of career opportunities in science, technology, and administration.

We offer a postdoctoral research position (f/m/x) in the Statistical Physics and Quantitative Biology group (PI Michael Lässig) at the Institute for Biological Physics, University of Cologne (Germany). This is an opportunity for an exceptionally qualified physicist to work on cutting-edge topics in evolution. Our work is focused on predictive analysis of viral and cancer systems, based on biophysical and immunological molecular models. Current empirical projects include evolution and control of fast-evolving viruses (influenza, SARS-CoV-2) and the immunogenicity of cancer cell populations. Applicants should have a strong background in statistical physics and a genuine interest in evolutionary biology and in data analysis of complex dynamical systems. For more details, see the lab website <https://www.thp.uni-koeln.de/~lassig>.

Our group is funded by the ERC and embedded in the Collaborative Research Center *Predictability in Evolution*, a leading consortium in experimental and theoretical studies of evolutionary processes. It offers an exciting interdisciplinary research environment at the interface between physics and quantitative biology.

YOUR PROFILE

- » Doctoral degree in theoretical physics or another relevant field
- » Strong track record in quantitative analysis and matching research interests
- » Interest in the scientific focus of the group and the research center
- » Excellent written and oral communication skills in English

WE OFFER

- » An exciting, interactive and multi-faceted research environment
- » A diverse working environment with equal opportunities
- » Support in balancing work and family life
- » Extensive advanced training opportunities
- » Occupational health management offers
- » Flexible working time models
- » Opportunity to work remotely

The University of Cologne promotes equal opportunities and diversity. Women will be considered preferentially in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz – LGG NRW). We also expressly welcome applications from all suitable candidates regardless of their gender, nationality, ethnic and social origin, religion, disability, age, sexual orientation and identity.

The position is available immediately on a full-time basis (39,83 hours per week). It is limited to 2 years with the possibility of an extension. If the applicant meets the relevant wage requirements and personal qualifications, the salary will be based on remuneration group 13 TV-L of the pay scale for the German public sector.

Please send your application (without a photo), proof of the required qualifications, and two letters of reference online to <https://jobportal.uni-koeln.de>.

The reference number is Wiss2511-10. The application deadline is 31.12.2025

For further inquiries, please contact Stephan Kleinbölting (skleinbo@uni-koeln.de).



HR EXCELLENCE IN RESEARCH