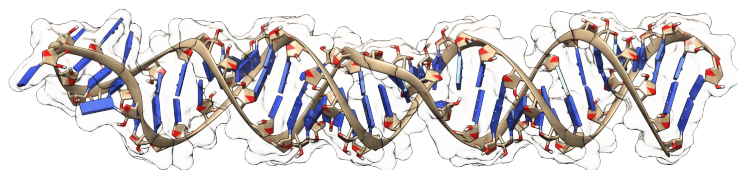


Postdoctoral research associate in RNA biophysics



Theoretical biophysics group at the Department of Theoretical Physics, Jožef Stefan Institute, Ljubljana, Slovenia, is seeking a

POSTDOCTORAL RESEARCH ASSOCIATE (f/m/x)

to work on modelling RNA–RNA and RNA–protein interactions involved in RNA-mediated condensation pathways.

Your qualifications

- PhD in physics, biochemistry, bioinformatics, or a related area;
- proven track record of publications;
- strong interest in RNA biophysics;
- good communication and organizational skills as well as the ability and interest to pursue challenging research;
- prior skills in computer simulations are required;
- prior skills in theoretical models of condensation phenomena and/or in bioinformatics approaches to RNA are welcome

Job description

The successful candidate will be given an opportunity to pursue research projects within the team of [dr. Anže Božič](#) relating to the role of RNA structure in mediating interactions involved in RNA-driven condensation. Work will include computational approaches involving coarse-grained models of RNA–RNA and RNA–protein interactions as well as analytical approaches involving polymer theory, graph theory, and theoretical models of condensation at different levels of detail. The position also offers an opportunity to collaborate with the group of dr. Miha Modic in the RNA networks lab at the National Institute of Chemistry in Ljubljana.

What we offer

The position is available from 01. 01. 2025 (or as soon as possible thereafter) until 31. 12. 2027, with the possibility of extension. The salary will be based on the Collective Agreement for the Slovenian Public Service and will depend on the researcher's experience level.

How to apply

Please send your application including academic CV, list of publications, contacts for 2 letters of reference, and a statement of research interests to dr. Anže Božič (anze.bozic@ijs.si). Applications will be considered until the position is filled, but candidates are encouraged to apply at their earliest convenience.



Jožef Stefan Institute
Ljubljana, Slovenia

[Jožef Stefan Institute](#) is the leading research institute in Slovenia, covering a broad spectrum of basic and applied research in natural sciences, life sciences, and engineering.

Biophysics and soft condensed matter are among the main areas pursued at JSI, engaging several experimental and theoretical groups in close collaboration with the Department of Physics and Institute of Biophysics at the University of Ljubljana.

[Theoretical biophysics group](#) is headed by Prof. Primož Zihlerl and currently includes 6 senior researchers and several PhD students and postdocs. The group offers a competitive scientific environment with strong international collaborations.

Full address

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