

## Zagrovc Lab

# Laboratory Technician 20h/week

## About the Zagrovc lab

Nucleic acids and proteins are the key building blocks of life, yet many essential aspects of their relationship remain enigmatic. The aim of our research is to decipher the fundamental rules behind the interactions between nucleic acids and proteins in crowded environments, understand the impact these interactions have had in shaping life's evolutionary history and study their role in present-day systems.

The central hypothesis behind our research is that direct interactions between nucleic acids and proteins have contributed to the establishment of the universal genetic code and that, in turn, the code can be seen as a Rosetta stone for understanding RNA-protein interactions in general. A corollary of this hypothesis, which we are particularly interested in, is that mRNA coding sequences may be complementary to and bind in co-aligned fashion to their cognate proteins, especially if unstructured.

## About the position

The Laboratory of Molecular Biophysics under the supervision of Prof. Dr. [Bojan Zagrovc](#) in the Department of Structural and Computational Biology at the University of Vienna is looking for a laboratory technician for work on in vitro protein solubility studies (20 hrs/week, 1-year contract with potential extension).

A suitable candidate should have advanced laboratory skills in the area of biophysical chemistry or a related discipline (biophysics, analytical chemistry, biological chemistry, molecular and structural biology or similar) and, preferably, experience in protein aggregation and solubility studies using biochemical and biophysical approaches such as but not limited to gel electrophoresis, spectrophotometric analysis, light scattering techniques (DLS, MALS, turbidity analysis) and others. A suitable candidate should also have a good command of English language.

## Application and contact

If you are interested please send your application with a CV to [bojan.zagrovc@univie.ac.at](mailto:bojan.zagrovc@univie.ac.at)

## About the Max Perutz Labs

The [Max Perutz Labs](#) are a research institute established by the University of Vienna and the Medical University of Vienna to provide an environment for excellent, internationally recognized research and education in the field of Molecular Biology. Dedicated to a mechanistic understanding of fundamental biomedical processes, scientists at the Max Perutz Labs aim to link breakthroughs in basic research to advances in human health. The Max Perutz Labs are located at the [Vienna BioCenter](#), one of Europe's hotspots for Life Sciences, and host around 50 research groups, involving more than 450 scientists and staff from 40 nations.

### MAX PERUTZ LABS

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