

Foisner Lab

# Postdoctoral Position in “Mechanisms of age-linked cardiovascular disease”

## About us:

the Foisner Lab has a long-standing interest in studying the molecular functions of lamins in nuclear organization and chromatin regulation and their specific role in lamin-linked diseases, such as the premature aging disease Hutchinson Gilford Progeria Syndrome (HGPS). For detailed information, please check [our lab web page](#).

## We are looking for:

an enthusiastic scientist at the postdoctoral level who will join our team to investigate molecular mechanisms leading to age-linked cardiovascular disease in HGPS. In order to address this medically highly relevant question our lab has generated a new mouse model expressing the HGPS-linked lamin mutant in vascular endothelial cells. Our data show that an “aged” endothelium in HGPS causes perivascular fibrosis, diastolic cardiac dysfunction and premature death ([J Clinic. Invest., 2019](#)). Within the context of a European Network project involving partners from Stockholm, Munich, and Milan, you will investigate the role of non-coding RNAs, particularly miRNAs, in establishing pro-fibrotic signaling and test the possibility of miRNA-neutralizing reagents for new therapeutic approaches in pre-clinical settings.

## You are:

a talented and motivated scientist with a PhD degree and documented research accomplishments in Molecular and Cell Biology (first author papers or preprints). The ideal candidate will have experience in studying vascular cells in vivo and in vitro, will be able to work independently and as part of a team, and will have strong organizational, written and verbal communication skills.

## Join us for:

The great quality of science and great quality of life in Vienna - Our lab is part of the Vienna BioCenter Campus, one of the main research hubs in Europe, providing also cutting edge technology services.

## Apply Now:

Send a curriculum vitae detailing current research interests, previous educational and research experience and contact details for two references to [roland.foisner@meduniwien.ac.at](mailto:roland.foisner@meduniwien.ac.at). The position is available initially for up to two years starting October, 2021.

## 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.

[www.maxperutzlabs.ac.at](http://www.maxperutzlabs.ac.at)

### MAX PERUTZ LABS

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