

“Membrane sculpting in selective autophagy”

We are seeking a highly motivated scientist to work as a **shared postdoctoral fellow** between the Otsuka and Martens Labs at the Max Perutz Labs at the Vienna BioCenter. This position is part of the VIP² Post-Doc Fellowship Program.

About the research project

How membrane is remodeled inside cells has been a fundamental question in biology. The Otsuka and Martens Labs share an interest in membrane sculpting and quality control. We plan to visualize membrane remodeling during the selective degradation of the endoplasmic reticulum (ER) and other cargoes during selective autophagy. To this end, we will employ light and electron microscopy to achieve nanometer resolution of these events.

About the position

Successful candidates will

- Take advantage of the knowledge and skills of Otsuka and Martens Labs in autophagy and correlative light-electron microscopy.
- Carry out the project independently under the support of the two PIs.

Requirements

Successful candidates should

- Hold a PhD degree in the related field of biology (prior to beginning employment).
- For the eligibility criteria of the VIP² program, please visit: <https://training.vbc.ac.at/vip2-post-doc-program>

Desired skills and qualities:

- Basic knowledge in molecular, cell, and structure biology
- Hands-on experience in molecular and cell biology as well as microscopy
- Fluency in English and good communication skills
- Motivation to learn and develop new techniques

Application and contact

- Please send your **CV, motivation letter** and **contacts for two references** to: shotaro.otsuka@univie.ac.at and sascha.martens@univie.ac.at
- Please contact us by **May 1st, 2021**.
- Shortlisted candidates will be interviewed online in early May.
- One successful candidate will discuss the project details with the two PIs and write an application for VIP².
- The VIP² application deadline is June 15th, 2021 with a start date of January 1st, 2022.

About the Max Perutz Labs

The Max Perutz Labs (www.maxperutzlabs.ac.at) 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.