

Martens Lab

Position

Introduction

A postdoctoral position is available in the Martens Lab at the Max Perutz Labs, Vienna BioCenter.

Our lab investigates the **mechanisms of autophagy**, a pathway that clears cells of harmful substances. For reasons that remain unclear, autophagy stalls at disease-associated protein aggregates, such as Alzheimer's Tau tangles. In this ERC-funded collaborative project, we aim to uncover why autophagy halts at solid protein aggregates and how this process can be reactivated.

About the position

We invite applications from ambitious researchers with **a strong and proven background in mechanistic cell biology or biochemistry** to join our efforts to restore autophagy and promote the clearance of protein aggregates in disease.

Candidates

Successful candidates

- Will hold PhD degree at the time of the start
- Have experience in biochemistry and/or cell biology
- Demonstrate team spirit and ambition

Application

- Please send your motivation letter, CV, publication list, and contact details of two references to martenslabvienna@gmail.com by December 15, 2025.
- The tentative starting date is late Spring, 2026

Contact

Please contact Sascha Martens (martenslabvienna@gmail.com) for any questions about the position.

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 40 research groups, involving approximately 450 scientists and staff from more than 50 nations.

www.maxperutzlabs.ac.at

MAX PERUTZ LABS

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