

PreDoc Researcher (Intern) Positions (Duration: 1 year)

Position 1: Ribosome profiling and RNA-Sequencing Analysis

Together with the [Karagöz Lab](#) at Max Perutz Labs, we are investigating ribosome-associated quality control mechanisms. We are looking for an enthusiastic student who will work with our teams to perform ribosome profiling and RNA-sequencing experiments in various model plant species.

Your profile: You have bioinformatics research experience.

Position 2: Marchantia genetics, biochemistry and cell biology

We are using *Marchantia* as a model system to investigate selective autophagy and its role in stress tolerance. We are looking for an enthusiastic student who is willing to learn genetics, biochemistry and cell biology experiments that are involved in the characterization of the new autophagy pathways that we have discovered.

Your profile: You have molecular biology or biochemistry wet lab research experience.

Who we are: [Dagdas Group](#) at the [Gregor Mendel Institute of Molecular Plant Biology \(GMI\)](#), [Vienna BioCenter](#). We work on eukaryotic **cellular quality control** pathways, primarily using plants as organisms of study, but also in human cells. We focus on discovering and characterizing new selective autophagy mechanisms. Please see the [lab website](#) or [email us](#) for details. We aim to do **comparative/mechanistic studies**: We comparatively study multiple model organisms using a wide range of experimental techniques to establish conceptual frameworks in cellular quality control.

The GMI is part of the [Vienna BioCenter](#), one of Europe's leading life-sciences research locations, with over 1,700 researchers from at least 70 countries, organized into a broad spectrum of research institutes, universities, and companies. The campus is located near the center of Vienna, one of the world's most liveable cities. The working language is English, and the environment is family-friendly, with subsidized on-campus child-care facilities.

How to apply: Please [email](#)

- A letter of intent describing your previous research experience
- Your CV and contact details of two references.

Application deadline: October 1st, 2022

Starting date: As soon as possible

For informal enquiries please contact Yasin Dagdas:

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