

Open Position: Postdoctoral Researcher (full-time)

The **Research Group *Senescence in Tissue Regeneration***, led by **Dr. Mikolaj Ogrodnik**, is seeking to hire a full-time Postdoctoral Researcher (40 hours/week) to study tissue damage response, particularly cell fate determination following skin injury *in situ*. Based on our recent discovery that p-rpS6-zone predicts range of damage responses (Ring, Dworak et al., 2023 *Dev Cell*), we are now aiming to establish how the heterogeneity of cellular phenotypes—such as proliferation, senescence, and differentiation—upon damage is established, what mechanisms determine this heterogeneity, and how we can modulate it for improved tissue repair and regeneration as well as to counteract tissue pathologies.

More information about the group's research profile can be found here:

<https://pubmed.ncbi.nlm.nih.gov/collections/64357035/>

The research group is part of the Ludwig Boltzmann Institute for Traumatology ([LBI Trauma](#)), the Research Center in Cooperation with AUVA.

Main tasks

- Planning and performing of experiments *in situ* (histology, biochemistry of tissues) and *in vivo* preclinical models;
- Data analysis;
- Disseminating results through conference presentations and academic publishing;
- Mentoring pre-doctoral students;
- Presentation of research results and participation in the activities of the lab;
- Participation in lab management and in applying for external funding.

Your Profile

- A completed doctoral degree and a proven track record in a cell biology-related field, with expertise in aging/senescence and/or wound healing/regeneration;
- Demonstrated experience in two or more of the following: histology, physiology of pre-clinical models, bioinformatics;
- Good oral and written communication skills in English (and knowing German is a plus);
- International academic work experience is a plus;

Terms of employment

We offer a 2-year contract, including a one-month probation period, starting January 1st, 2025 or as soon as possible. The contract can be optionally extended based on the current funding of the lab. The offered gross monthly salary is EUR 4.794,96 € (40 hours per week, 14x per year). Five weeks of paid vacation time are included. The successful candidate will be eligible for career development support from the LBG's inhouse career service (Career Center).

Application

Applications must be submitted by e-mail to Dr. Mikolaj Ogrodnik at mikolaj.ogrodnik@lbg.ac.at and must include a letter of motivation, as well as an academic CV. In addition, name and contact details of 1-2 references must be submitted.

The application deadline is September 13, 2024, 08:00 CET.

We look forward to receiving your application and getting to know you personally!