

## Open Position: Postdoctoral Researcher (full-time)

The **Research Group *Photobiomodulation and Photodynamic Therapy***, led by **Dr. Peter Dungal**, is seeking to hire a full-time Postdoctoral Researcher (40 hours/week) to study penetration of hazardous substances through skin and the prevention by protective agents. Based on our recent studies using Franz diffusion cells, we are now aiming to establish a tissue-engineered 3D skin model and combine it with the technique of open microperfusion in order to perform penetration studies in real-time and in high-throughput.

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

<https://trauma.lbg.ac.at/light-therapy/?lang=en>

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 vitro* and with *ex vivo* skin;
- 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 occupational medicine-related field, with expertise in skin penetration studies and 3D skin equivalents;
- Demonstrated experience in the following: microbiology, physiology of pre-clinical models, bioinformatics;
- Perfect oral and written communication skills in English and German;
- International academic work experience is a plus;

### Terms of employment

We offer a 2-year contract, including a one-month probation period, starting January 1<sup>st</sup>, 2025. 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. Peter Dungal at [peter.dungal@lbg.ac.at](mailto:peter.dungal@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 November 30th, 2024, 08:00 CET.**

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