

# (Senior) Research Assistant (m/f/d)

We are looking for a candidate who will join an international and interdisciplinary team of researchers focused on R&D of Nanovesicular therapeutics at the new Ludwig Boltzmann Institute for Nanovesicular Precision Medicine at the Paris Lodron University Salzburg. The position is embedded within the research program line “Nanovesicular Technologies” which has a mission to develop, advance and apply novel and state of the art technologies for the translation of Nanovesicular Therapeutics. Key responsibilities of the successful candidate will include the development and application of biophysical, molecular and cell based *in vitro* assays for quantitative and comprehensive characterisation of nanovesicle composition, physicochemical properties and biological activity to predict their *in vivo* pharmacology. The position will be a full-time assignment (40h/week) with an initial term until 12/2027 and a perspective of extension up to 2033.

## Minimal requirements:

- ▶ MSc degree in Molecular Biology, Biotechnology, Biochemistry or related fields
- ▶ Hands-on experience with molecular biology techniques (Bacterial culture, standard cloning techniques, DNA, RNA and protein extraction and analytics such as RT-qPCR, gel electrophoresis, UV-VIS spectroscopy, western blotting, ...)
- ▶ Hands-on experience with mammalian cell culture (sterile handling, subculturing, cryopreservation, transfection) and basic cell biological techniques (eg. Flow Cytometry, Immunocytochemistry, ELISA,...)
- ▶ Enthusiasm for setting up and learning new techniques in the laboratory
- ▶ High level of accuracy, data documentation and organisation skills

## Desirable additional qualifications:

- ▶ Experience with assay development using primary cells or co-culture models
- ▶ Experience with (advanced) fluorescence microscopy
- ▶ Experience with histology

## We particularly welcome applications from candidates who:

- ▶ have an open and communicative personality and embrace teamwork
- ▶ enjoy guiding students in the laboratory
- ▶ have good writing and communication skills (English)
- ▶ think creatively and critically

**Start date:** as soon as possible, earliest January 15<sup>th</sup> 2025

**Starting salary:** EUR 43.000 annual (gross)

Application documents should comprise a motivation letter, CV, and any relevant additional enclosures and shall be sent by e-mail to [office.nvpm@lbg.ac.at](mailto:office.nvpm@lbg.ac.at) to the attention of:

Dr. Melanie Schürz

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Hellbrunnerstrasse 34, 5020 Salzburg Austria

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