

Position for a **funded PhD thesis on Extracellular Vesicle Therapies**

Start date: July 2022

We are looking for a highly motivated student with excellent curricular training in Biology/Biochemistry or Biotechnology to work on a project in the area of Extracellular Vesicle Therapies. The project will be embedded within a larger scientific effort directed at translating the basic biology of extracellular vesicles into therapeutic applications and be carried out in close collaboration between the Paris Lodron University of Salzburg, the Paracelsus Medical University Salzburg and the Salzburg University Hospital, Department of Pediatrics. The successful candidate will investigate the immunomodulatory and tissue regenerative activity of human milk derived extracellular vesicles on the gastrointestinal tract, with an aim to develop potential therapies for neonatal diseases. The PhD student will be conducting his/her work at the Paris Lodron University of Salzburg in the laboratory of Prof. Dr. Nicole Meisner-Kober, with co-supervision by Prof. Dr. Daniel Weghuber and Prof. Dr. Nadja Haiden from the Paracelsus Medical University Salzburg.

**Candidate's minimum requirements:**

- M.Sc. degree in Life Sciences (Biology, Medical Biology, Biochemistry, Biotechnology)
- Extensive experience in Cell Biology, Molecular Biology and/or Biotechnology
- Excellent command of the English language

**Desirable additional qualifications:**

- Hands-on experience with fluorescence and/or electron microscopy
- Hands-on experience with the physico-chemical characterization of biological matter (protein biochemistry, spectroscopy, etc.) and chromatographic techniques
- Experience in work with rodent models

**We specifically welcome applicants who:**

- are able to work seamlessly in an interdisciplinary team towards a common mission
- have the desire and aptitude to acquire new knowledge
- think creatively and critically
- are motivated by translating basic science into therapeutic applications

**Annual gross salary:** ca 14x € 2.228,60

For more information please contact Prof. Dr. Nicole Meisner-Kober (+43 662 8044 7257). Applicants should submit an application including motivation letter, curriculum vitae, list of publications, a copy of the certificate of your highest obtained degree, and contact information of up to two references to: [nicole.meisner-kober@plus.ac.at](mailto:nicole.meisner-kober@plus.ac.at). Applications will be accepted until the position is filled.

**Univ.Prof. Dr. Nicole Meisner-Kober**

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