

We are looking for a highly motivated Postdoctoral researcher with excellent background in Molecular Biology, Biochemistry or Cell Biology to work on a project in the area of RNA Therapeutics. The project will be part of an academic – industry collaboration aiming to identify rate limiting steps and molecular mechanisms underlying the preclinical and clinical pharmacology of novel RNA / Oligonucleotide Therapeutics. The project will be further embedded within a larger scientific effort directed at translating the basic biology of RNA and extracellular vesicles into therapeutic applications (EV-TT Center, a joint mission between the Paris Lodron University of Salzburg, the Paracelsus Medical University Salzburg and the Salzburg University Hospital). The successful candidate will investigate the molecular mechanisms and subcellular trafficking of therapeutically relevant RNA in different cellular models using quantitative molecular imaging as well as advanced cellular fractionation, in order to dissect the differential pharmacological properties of novel RNA chemistries. The PostDoctoral researcher will further be supported by two fully funded Master students and collaborate closely with our industry partner WAVE Life Sciences in the Boston area. While the research will be of direct clinical relevance, the primary aim is to jointly publish the work.

**Candidate's minimum requirements:**

- PhD. degree in Life Sciences (Molecular Biology, Medical Biology, Biochemistry, Biotechnology)
- Extensive experience in cellular as well as molecular biology
- Excellent command of the English language

**Desirable additional qualifications:**

- Hands-on experience with handling advanced cellular models and/or primary cells
- Hands-on experience with quantification of RNA and nucleic acids
- Hands-on experience with cellular fractionation, fluorescence microscopy and live cell imaging
- Hands-on experience with the physico-chemical characterization of biological matter (protein biochemistry, spectroscopy, etc.) and chromatographic techniques

**We specifically welcome applicants who:**

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

**Annual gross salary:** ca 55,000-60,000€

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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