



We are Austria's largest Research and Technology Organisation and an international player in the research areas that we cover. This makes us a leading development partner for industry and a top employer in the scientific community. Our Center for Health & Bioresources is seeking to hire a new Ingenious Partner for our location in Vienna:

## Junior Scientist (m/f) in the field “Biological Barriers”

### IMAGINE

- You work on the role of biological barriers in health and disease with a focus on the blood-brain barrier (BBB) and the blood-saliva barrier (BSB).
- You investigate the transport of potential biomarkers (proteins, ncRNA) and biomarker sources (e.g. exosomes) across the BBB and the BSB.
- You are interested in non-invasive biomarker liquid sources such as saliva and verify causal links between disease status and the presence of related biomarker molecules.

### ENGAGE

- You combine high-throughput screening methods and cutting-edge cell culture models of the BBB and BSB to evaluate the relevance of biomarkers.
- You study the role of the microenvironment on barrier functionality under healthy and disease conditions.
- You implement novel methods to follow the intracellular fate of biomarker molecules.

### ACHIEVE

- You support and supervise Master and PhD students in the lab, publish results in leading scientific journals and write project proposals.
- You obtain validated cell culture models of the BBB and BSB and elucidate species differences.
- You are integrated in an interdisciplinary team evaluating in vitro/in vivo correlations.

Your qualifications as an Ingenious Partner:

- PhD in life sciences, e.g. molecular biology, molecular medicine, biotechnology, neurosciences, pharmaceutical sciences or a related field
- Experimental skills in cell culture (preferentially endothelial, epithelial, hiPS cells, fibroblasts), protein chemistry and molecular biology
- Excellent communication skills in English
- Strong sense for responsibility and team spirit

Your salary:

EUR 40.446,00 per year (gross income) based on the collective agreement (Forschungs-KV). Higher pay is possible depending on your qualifications and experience.

TOMORROW TODAY – WITH YOU?

Then submit your application documents, including certificates and photo to:

Maria Leonhard-Maurer, MSc, Head of Human Resources  
maria.leonhard-maurer@ait.ac.at, +43 (0) 50550-2032  
www.ait.ac.at