



The EB House Austria is an EU Reference Center of Excellence for the rare genetic skin disease Epidermolysis bullosa (EB), affiliated with the University Hospital Salzburg and the Paracelsus Medical University. We consist of four units – an outpatient unit, academy, research unit, and clinical study center – and adopt a holistic approach to developing and delivering outstanding multi-disciplinary care to patients with EB.

The EB House Research unit consists of four collaborative groups dedicated to the development of life-enhancing therapies for patients.

We are looking for a PostDoc / deputy research group leader to support our team.

Full-time (40 hours/week) postdoc position, limited to 1 year.

Start date October 2021.

Minimum salary according to FWF personnel cost unit rate: 55.242,60 € brutto/year.

### **Project**

Epidermolysis bullosa (EB) is a rare genodermatosis caused by mutations of genes encoding structural proteins of the skin. These structural proteins are qualitatively and/or quantitatively impaired, or lost completely, which clinically results in blistering and wounding of the skin and frequently also the mucous membranes, as well as to the development of severe secondary manifestations.

The focus of our research lies in the identification of candidate molecules that have the potential to act as therapeutic targets for the treatment of different aspects of EB. In addition, we are interested in the development of methods for the early detection of skin cancers that frequently arise in patients with EB. In this context, miRNAs are in the focus of our research.

### **Candidate**

The ideal candidate should be highly motivated, reliable, flexible, able to work both independently and as part of a team, and have strong time-management and communication skills. Experience in the supervision of undergraduate students and project management is favourable. Further qualifications:

- PhD (or equivalent) in molecular or cell biology, genetics, biotechnology or similar
- Technical/laboratory experience in:
  - sqRT-PCR, cloning, immunofluorescence, western blotting
  - cell culture (isolation and cultivation of different cell types, 3D skin equivalents)
  - basic flow cytometry including analysis
  - optional skills: animal experimentation
- Bioinformatic methods (experience with “R” in the context of data science) are favorable
- Track record of peer-reviewed publications
- Fluent in written and spoken scientific English

### **Application**

Please send your application (CV, motivation letter, and contact info of references) to: Dr. Verena Wally, [v.wally@salk.at](mailto:v.wally@salk.at).