

## CURRICULUM VITAE JULY 2021

### RESEARCH INTEREST

It is the marvelous beauty of cellular structures and their organization that captured my attention from the first encounter and it still keeps me amazed. I aspire to understand how plants create specific cell shapes that are required for their viability and adaptability and how cellular structures such as the cytoskeleton dynamically rearrange to accommodate the functional requirements of a given cell. My lab integrates live-imaging and molecular genetics to investigate the role of specific motor proteins to accurately orchestrate cell division. Moreover, we began to characterize the regulation of cell polarity establishment in cell division and growth. This approach will enable us to unravel how activities at the molecular level propagate, to impact the form and function of cells and tissues during plant growth and development.

### PROFESSIONAL EXPERIENCE and EDUCATION

#### Academic Appointments

- 2021 – current Professor for Molecular Morphogenesis, Department of Biology, Friedrich-Alexander-University Erlangen-Nueremberg, Germany
- 2018 – 2021 Heisenberg-Fellow, Center for Plant Molecular Biology, University of Tübingen, Germany
- 2009 – 2017 Independent Research Group Leader, Center for Plant Molecular Biology, Department of Developmental Genetics, University of Tübingen, Germany. Research Interest: Molecular mechanisms of cellular morphogenesis
- 2007 – 2009 Lecturer in Plant Molecular Biology, School of Biological Sciences, University of Auckland, New Zealand

#### Postdoctoral Research

- 2006 – 2007 Postdoctoral Researcher, Ehrhardt lab, Carnegie Institution of Washington, Department of Plant Biology
- 2002 – 2006 Postdoctoral Researcher, Smith lab, University of California, San Diego, Division of Biology, Section of Cell and Developmental Biology

#### Graduate Research

- 1998 – 2001 Ph.D. with Prof. Marie-Theres Hauser. University of Natural Resources and Applied Life Sciences Vienna, Center of Applied Genetics
- 1996 – 1998 Diploma University of Vienna, Dr. Irene K. Lichtscheidl and Prof. Walter G. Url, Cell Physiology and Scientific Film

### AWARDS/SCHOLARSHIPS/HONORS

- 2018 – 2022 Heisenberg Fellow of the German Research Foundation
- 2017 Faculty Member, F1000Prime, Plant Cell Biology Section
- 2003 – 2004 Erwin Schrödinger Stipend from the Austrian Science Fund (FWF)
- 2001 Research Stipend Vice-Rector of the University of Natural Resources and Applied Life Sciences, Vienna