

Christa Buecker

Positions Held to Date:

Since 2022 Associate Professor, University of Vienna, Austria
2015-2022 Junior Group Leader, Max Perutz Labs, Vienna, Austria
2011-2015 Post-doctoral Fellow, Wysocka lab, Stanford University, Stanford, CA, USA
2006-2011 Ph.D. Student, Geijssen lab, Center for Regenerative Medicine, Harvard Medical School, Boston, USA and Utrecht University, Utrecht, Netherlands

Main Area of Research:

Enhancer mediated transcriptional regulation in development

Teaching And Mentoring:

Vice Dean for Teaching since 2020

Contribution to Bachelor education:

301123 VO Genexpression (together with Isa Moll and Thomas Decker)

301046 UE Übungen I B – Practical in Microbiology and Genetics

Contribution to Master education:

301401 VO Concepts in Molecular Biology (Main organizer, 3 lectures)

301164 PS Biochemie für Fortgeschrittene (1 lecture together with C. Plaschka and U. Schöberl)

301558 VO Developmental and Stem Cell Biology (2 lectures)

301876 UE Exercises in Stem Cell Biology (Main organizer, together with M. Leeb and S. Ellis)

Current Ph.D. students:

Isabella Voelkl (since October 2019), Songjie Feng (since March 2021), Maria Garcia Gallardo (since May 2023), Mattias Enar Jonasson (since July 2024), Felix Haslhofer (since October 2024)

Technicians:

Marie Huber (since January 2020)

Completed PhD thesis:

Swathi Jayaram, PhD in 2023, now Postdoc with Wayne Stallaert, University of Pittsburgh, USA

Henry Thomas, PhD in 2023, now Postdoc with Timothy Lionnet at NYU, New York, USA
awarded VBC PhD award 2023 for his PhD work

Merrit Romeike, PhD in 2022, now Postdoc with Ludovic Vallier at Berlin Institute for Health, Germany

Funding:

2025-2030 ERC Consolidator Grant “GENE-TUNE” 2M € (project leader)

2024-2028 Principal Investigator Project ‘Systematic dissection of enhancer interdependencies’, Austrian Science Fund (FWF), 690k € (Project leader)

2021-2025 Doctoral program (DK) ‘SMICH’, Austrian Science Fund (FWF), ~200k € part project (Co-investigator)

2021-2024 Standalone Project “Transcription factors networks in formative pluripotency”, Austrian Science Fund (FWF), 400k € (Project leader)

2019-2023 Doctoral program (doc.funds) “SCORPION: Stem Cell Tissues, Organoids – Dissecting Regulators of Potency and Pattern Formation”, Austrian Science Fund (FWF), ~200k € part project (Co-investigator)