

Chemistry Colloquia



Werngard Czechtizky

AstraZeneca

Department of Medicinal Chemistry

23 April
Thursday

2026

11:00

Lab Building West
Heinzel Seminar Room

Development of Oral and Inhaled Compounds for Respiratory Diseases - Case Studies

Prof. Werngard Czechtizky has been Head of Medicinal Chemistry at AstraZeneca, Respiratory and Immunology. She has a track record of delivery of clinical candidates and lead compounds across several therapeutic areas (CV, Diabetes, Pain, CNS, Aging, Respiratory and Immunology). She implemented state of the art technologies into Medicinal Chemistry, e.g. ML/AI tools, New Modalities, targeted delivery, chemical probes for target validation, automated synthesis and integrated physchem & eADME profiling workflows. Werngard serves on diverse scientific advisory boards and is co-/author of >100 publications and patents. She has studied at the Technical University of Graz, Austria, received a PhD from ETH Zürich and a postdoctoral training at Harvard University. Before joining AZ in 2017, she has been working at Aventis, then Sanofi at Frankfurt, Germany.

