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Faculty of Life Sciences

Invitation to the inaugural lectures Faculty of Life Sciences

Monday, 26 June 2023, 17:00

University of Vienna, Main Ceremonial Hall





Lea Ann Dailey

Professor of Pharmaceutical Technology and Biopharmacy

Lea Ann Dailey is a pharmacist by training and completed her PhD at the Philipps University of Marburg on the topic of biocompatibility testing of polymeric nanoparticles for the controlled release of drugs in the lung. She continued working in the field of formulation science for inhalation therapies at Nektar Therapeutics (now Novartis, San Carlos, CA, USA), followed by positions at King's College London, the Martin Luther University Halle-Wittenberg, and, since November 2019, the University of Vienna as Professor of Pharmaceutical Technology and Biopharmaceutics.

Lea Ann Dailey's research has focused on the design of dosage forms for the delivery of anti-infectives to the lung as well as the biocompatibility assessment of novel excipients for inhaled products. During her career she has also gained extensive experience working with nanomedicine formulations for both therapeutic and diagnostic applications.



Christoph J. H. Rademacher

Professor of Molecular Drug Targeting

Christoph Rademacher studied Molecular Biotechnology and Molecular Life Science at the University of Lübeck. In 2009, he finished his doctorate at the Institute of Chemistry under the supervision of Prof. Dr. Thomas Peters in Lübeck on the study of interactions between viruses and carbohydrates using NMR spectroscopy. Next, he was a postdoctoral fellow with Prof. Dr. James C. Paulson at The Scripps Research Institute (USA), where he entered the field of glycoimmunology. In December 2011, Dr. Rademacher joined the Max Planck Institute of Colloids and Interfaces in the Department of Biomolecular Systems of Prof. Dr. Peter H. Seeberger as a group leader, where he became an Emmy Noether Research Group Leader in June 2012. In 2017, Dr. Rademacher received an ERC Starting Grant and in 2020 he became a full professor of Molecular Drug Targeting at the University of Vienna and Max Perutz Labs. Since 2022, Dr. Rademacher has been an NIBR Global Scholar Fellow.

Christoph Rademacher's research focuses on the development and application of novel molecules to understand the role of carbohydrates in regulating immune cells and translating them into new therapies.



Manuela Schmidt

Professor of Pharmacology and Toxicology

Manuela Schmidt first studied biology at the University of Würzburg. After her master's degree in 2002, she completed a PhD at the International Max Planck School for Neurosciences in Göttingen under Prof. Dr. Stephan Sigrist. From 2007 to 2012, she held a postdoctoral position at The Scripps Research Institute in La Jolla, California under Prof. Ardem Patapoutian. From 2012 to 2018, she led her own research group in Experimental Medicine in Göttingen, Germany, until she finally became a professor at the Faculty of Biology and Psychology at the University of Göttingen in 2019. In 2020, she took over the professorship of Pharmacology and Toxicology at the University of Vienna, where she also heads the Division of Pharmacology and Toxicology and is Deputy Head of the Department of Pharmaceutical Sciences. She has also been appointed Vice Dean of the Faculty of Life Sciences since September 2022.

Manuela Schmidt's research is focused on uncovering molecular mechanisms underlying chronic pain – with the aim of optimizing future pain treatments.

Programme

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Main Ceremonial Hall

Universitätsring 1, 1010 Vienna

17:00

Welcome by

Ronald Maier

(Vice-Rector of the University of Vienna)

Welcome address

Karl-Heinz Wagner

(Dean of the Faculty of Life Sciences)

Moderation

Thierry Langer

(Head of the Department of Pharmaceutical Sciences)

Inaugural lectures

Lea Ann Dailey

Improving antibiotic drug delivery using a patient-centered drug product design philosophy

Christoph J. H. Rademacher

Molecular Drug Targeting – Lessons learned from glycobiology

Manuela Schmidt

A protein compass of pain – navigating mechanisms and pursuing relief

After the lectures, we would like to invite you to a small reception.

Please register until **16 June 2023**: dekanat.lewi@univie.ac.at

Stair-free access: Left-side entrance, lift to the 1st floor

University of Vienna

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