



## AGENDA

### Unlocking New Potential: Exploring Advanced Detector Analytics with LNPs

Wednesday, March 5th, 2025 • Mainz

08:30	Registration, Tea and Coffee
09:00	<b>Welcome and Introduction</b> Dr. Felix Deluweit, Sr. Account Manager (Waters GmbH / Wyatt Technology)
09:15	<b>High throughput and online characterization of LNP by DLS, PALS and RT-MALS</b> Dr. Felix Deluweit, Sr. Account Manager (Waters GmbH / Wyatt Technology)
09:45	<b>An mRNA-LNP Vaccine Platform Tailoring the Immunogenicity Profile from Prophylactic to Therapeutic Applications, Reducing Reactogenicity and Extending Shelf-Life Stability</b> Dr. Roland Böttger, Sr Research Scientist (CureVac)
10:15	<b>Nanoformulations, the story from microfluidic screening to continuous manufacturing</b> Mrs. Eilien Heinrich, PostDoc (Nanomaterials for Cancer Therapy - Fraunhofer Institute for Microengineering and Microsystems IMM)
10:45	Coffee break
11:15	<b>Production of Lipid Nanoparticles Using Impingement Jets Mixing</b> Dr.-Ing. Matthias Luebbert, Principal Process Engineer (Knauer)
11:45	<b>Deciphering Messages Packed in Fat - LC/MS for Lipid Impurities and RNA Sequence</b> Dr. Sascha Schiffrin, Principal Pharma Sales Development Specialist (Waters GmbH)
12:15	Lunch break
13:15	<b>Guest Talk - TBA</b>
13:45	<b>Comparison of MS-based sequencing methods for CRISPR single guide RNA</b> Dr. Michael Rühl, Senior QC researcher (BioSpring GmbH)
14:15	<b>Deformulating Size Exclusion Chromatography for LNP Payload Quantitation</b> Dr. Michael Kudlich, Sr Chemistry Sales Development Specialist (Waters GmbH)
14:45	Coffee break
15:15	<b>Round-Table discussion with experts from Wyatt and Waters Corporation</b>
16:15	End of Seminar