



## AGENDA

### Frankfurt Light Scattering Meeting: Advanced analytics for proteins and biological nanoparticles

Tuesday, July 2nd, 2024 • Eschborn

09:00	Registration, Tea and Coffee
09:30	<b>Welcome address</b>
09:30	<b>Why sample quality matters:</b> Applying Light Scattering tools to ensure sample quality of proteins and biological nanoparticles. Introduction to Light Scattering fundamentals.
10:00	<b>Exploring Enhanced Macromolecular and Nanoparticle Analysis through the Integration of DLS/ELS/SLS</b> Automated Light-Scattering solutions for fast screening and characterization of size, stability, charge and zeta-potential
10:30	Coffee break
11:00	<b>Analyzing biological macromolecules (Proteins, RNA) with SEC-MALS</b> Advantages and benefits of SEC-MALS over conventional chromatography. Examples for the analysis of proteins and mRNA.
11:30	<b>Towards Well-Characterized Proteins and Protein Conjugates Using SEC-MALS:</b> Uncover the analytical power of SEC-MALS in characterizing oligomers and different protein conjugates, such as ADCs, AOCs and RNPs
12:00	Lunch break
13:00	<b>Light scattering solutions for multi-attribute quantification of adeno-associated viruses (AAVs) and lipid nanoparticles (LNPs)</b> Measuring critical quality attributes (CQAs) of AAVs and LNPs with an integrated light-scattering solution for size, payload and concentration.
13:45	<b>LC and HRMS tools for protein biologics</b>
14:15	<b>Lab Tour</b> Practical lab session. Get in touch with the Light Scattering Hardware.
15.00	End of Seminar