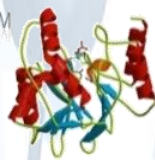


Challenges and Opportunities in Biotherapeutic Analytics: 3rd edition - Program



Thursday, April 27, 2023
Brussels, Belgium



We are pleased to announce the third edition of this workshop that gathers academics and industries to share their perspectives and last developments in analytics

- 9:00-09:15: Registration
- 9:15-10:30: Amyloid proteins (chair: Prof. C. Michaux)
 - Dr Jehan Waeytens - ULB - "Infrared nano spectroscopy a new tool to study amyloid fibrils"
 - Dr Karine Goraj - Amyl Therapeutics - "Rational design of AML therapeutic agents for specific binding and clearance of diverse amyloid aggregates "
 - Prof. Sofie Nyström - Linköping Universtiy - "Understanding amyloids using fluorescence analysis"
- 10:30-11:00: Coffee Break
- 11:00-12:45: Glycosylation (chair: Dr C. Martens)
 - Dr Catherine Ronin - Siamed'Xpress - "Using glycosylation as a barcode to produce better and safer antibodies"
 - Dr Paul Wassmann - Novartis - "Analytical challenges in pharmaceutical industry"
 - Dr Allison Derenne - Spectralys Biotech - "A new convenient tool to analyse protein glycosylation based on FT-IR spectroscopy"
 - Prof. Cédric Delporte - ULB - "Online SPE purification followed by LC-fluorescence-MS detection for N-glycan analysis"
- 12:45-14:00: Lunch
- 14:00-14:30: Flash presentations - Bruker - Dynamic Biosensors - NanoTemper
- 14:30-15:45: Differential Scanning Fluorimetry (chair: Prof. A. Matagne)
 - Dr Maria Garcia - EMBL Hambourg - "DSF and its application in sample optimisation, unfolding screening and determination of binding constants"
 - Dr Thomas Bertrand - Sanofi - "nanoDSF: a key technology for the development of drugs in Industry"
 - Dr Marylène Vandevenne - Uliège - "Automated protein formulation, using the Robotein® high throughput facility"
- 15:45-16:15: Coffee Break
- 16:15-17:30: Adeno-associated virus (chair: Prof. E. Goormaghtigh)
 - Eng. Damien Mouvet - Quality Assistance - "Physico-chemical characterization of AAV"
 - Dr Stéphanie Hambye - Exothera - "Assessing full and empty particles when producing AAV. Is A Ex-HPLC the emerging orthogonal tool to assess this CQA ?"
 - Dr Bertrand Raynal - Institut Pasteur - "Analytical ultracentrifugation: A powerful tool for the quality control of AAV vectors used in gene therapy"
- 17:30-19:00: Reception (+AQS³pro demo by RedShiftBio)

- Venue: UAE (Union des Anciens Etudiants), ULB, Campus La Plaine, Boulevard du Triomphe Accès 2, 1050 Brussels, Metro Delta (Line 5)
- Registration is mandatory: <https://coba.ulb.be/>

