



Paris, October 2-3rd 2019

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Advanced
Analytical Technologies
for Proteins



Biocitech, Romainville-Grand Paris, France

GOLD SPONSOR



Program

Wednesday October 2nd

8:30 Welcome coffee

8:50 Welcome address, **Sylvio BENGIO**, Adebiotech

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9:00-9:30 Keynote Lecture

9:00 **Christoph RÖSLI**, Novartis, Late Phase Analytical Development (Basel)
QbD-based selection of analytical methods for development and characterization of a biotherapeutic

Session 1 - Introduction to Protein analysis and analytical bottlenecks

Session chairs: **Alain RIAUBLANC**, INRA and **Jacques DUMAS**, Sanofi

9:30 **Denis CHÉREAU**, IMPROVE
Challenges associated with plant proteins analysis

10:00 **Guy de MARTYNOFF**, Cytune Pharma
How to approach analytical bottlenecks during therapeutic protein development?

10:30 **François BECHER**, CEA
Mass spectrometry applications in biopharmaceutical analysis

11:00 - 11:30 Coffee break / exhibitions / posters / networking

Session 2 - Analysis of Protein/Peptides Structures and Functions

Session chairs: **Antoine DERENSY**, Ingredia and **Pascal DHULSTER**, Institut Charles Viollette

11:30 **Audrey ROMELARD**, Ingredia
Analytical approaches during milk bioactive peptide development : Lactium®'s example

12:00 **Frédéric BAUDOUIN**, IMPROVE
Characterization of functional properties of plant proteins

12:30 **Benoît CUDENNEC / Christophe FLAHAUT**, Institut Charles Viollette
Integrative approach for peptidome characterization to unravel the encrypted bioactivity of protein byproducts

1:00 **Romdhane KAROUI**, *Univ. Artois*
Front face fluorescence and mid infrared spectroscopies as a tool to study the molecular structure of proteins: relationship with their technofunctional properties

1:30 - 2:30 *Buffet lunch / exhibitions / posters / networking*

Session 3 - Protein aggregation and nanoparticle analysis

Session chair: **Bruno GUIGLIARELLI**, *Univ. Aix-Marseille*

2:30 **Alessandro MASIERO**, *Sanofi*
Protein aggregation: Fundamental mechanisms and in-silico predictive approaches

3:00 **Adeline BOIRE**, *INRA*
Droplet millifluidic technologies and proteins assembly

3:30 **Daniel SOME**, *Wyatt Technology*
From proteins to nanomedicines: Next steps in biophysical characterization with light scattering

4:00 **Robert UMEK**, *Meso Scale Discovery*
MesoScale Technology: multiparametric approach for therapeutic purpose from R&D to bioprocess

4:30 - 5:00 *Coffee break / exhibitions / posters / networking*

5:00 **Tim MENZEN** or **Andrea HAWE**, *Coriolis Biopharmaceuticals (Germany)*
Orthogonal analysis of aggregates and particles in biopharmaceutical products

5:30 **Aymeric AUDFRAY**, *Malvern*
Advanced methods in particle analysis

6:00 **Arnaud DELOBEL**, *Quality Assistance (Belgium)*
Structural characterization and epitope mapping by HDX/MS

6:30 *Short presentations of exhibitors innovations*

7:00 *Cocktail / exhibition / posters*

Thursday October 3rd

8:30 Welcome coffee

Session 4 – Protein analytical methods: from AUC to SPR and High throughput methods

Session chair: **Sylvio BENGIO**, AdebioTech

9:00 **Gautier DECOCK**, Eurofins

Analytical approaches for cell culture media by RMN and HPLC-MS (Medi spend analysis)

9:30 **Emeric GUENEAU**, GE Healthcare

Concentration analysis and ligand-binding assays in analytical development : An emerging role for SPR

10:00 **Quentin ENJALBERT**, ANAQUANT

A universal approach for individual identification and quantities assessment of Host Cell Proteins

10:30 **Bertrand RAYNAL**, Institut Pasteur

Analytical ultracentrifugation applications

11:00 - 11:30 Coffee break / exhibitions / posters / networking

11:30 **Alexey RAK**, Sanofi, IDD Structure Design & Informatics (SDI)

Novel Low-Protein Consuming High Throughput Biophysical Methods for mAbs, ADCs and Multi-Specific Biologics Characterization

12:00 **Jean-Charles BERLIET**, SCIEX

Characterization of glycoforms by high throughput glycan screening

12:30 **Yannis FRANÇOIS**, Univ. Strasbourg, LSMIS

Advances in capillary electrophoresis

1:00 - 2:30 Buffet lunch / exhibitions / posters / networking

Session 5 - Emerging approaches and technologies

Session chair: **Valérie BELLE**, Univ. Aix-Marseille

2:30 **Bruno GUIGLIARELLI**, Univ. Aix-Marseille

Electron Paramagnetic Resonance for protein studies

3:00 **Katrien VANHONACKER / Ann COPPENS**, PharmaFluidics

Micro-chip chromatography on pillar array columns

3:30 **Christophe QUÉTARD**, FortéBio- Biologics by Molecular Devices

Automated solutions to accelerate biotherapeutic development

4:00 **Anne SEVERAC**, Sanofi Protein Science and Technology

Micro-fluidics automated electrophoresis to support characterization of Biotherapeutics: case studies

4:30 **Pierre SOULE**, NanoTemper Technologies

Quality control with the Tycho NT.6®: seeking the unseen about your protein

5:00 - 5:30 Coffee break / exhibitions / posters / networking

5:30 Presentation of Flash posters

6:00 Round table discussions

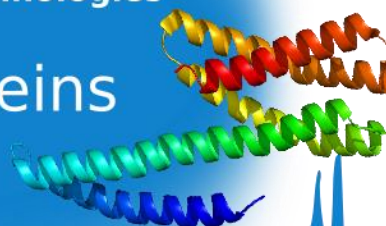
6:45 Conclusions



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Registration fees and sponsorship

Early Bird Registration Ends: **February 28, 2019**

Abstract Submission Ends: **July 11, 2019**

Final Registration: **September 24, 2019**

Registration deadline: **September 24, 2019**

Fees - Early registration until **February 28, 2019**

	Earlybird	Standard
• Regular fee:	500€	650€
• Academic institutes:	350€	450€
• Adebiotech Member:	250€	350€
• Student special fee: (Limited to 10 registrations)		150€

GOLD: 5 000€

- **Includes dedicated booth (see below)**
- **E-mailing campaign** : at least 5 e-mailings with your logo and company web link (35,000 names)
- Your logo appears on: -Website-program, flyer, brochure
- A full A4 page of the conference booklet dedicated to your communication
- 2 Conference plenary session entry passes

SILVER: 2 500€

- **E-mailing campaign** : at least 5 e-mailings with your logo and company web link (35,000 names)
- Your logo appears on: -Website-program, flyer, brochure
- A full A4 page of the conference booklet dedicated to your communication
- 1 Conference plenary session entry pass

STALL STAND: 1 700€

Exhibition space is located in the reception room, at the entrance of the main lecture theatre, the crossing point and buffets, coffee breaks and cocktails location ; booking this option **includes 2 Plenary Conference access Passes and opportunity to present a "flash poster" in the plenary meeting (3 slides, 5 min.)**

Each stand consists of:

- Table (can support equipments), two chairs, electric plug, WIFI access

www.adebiotech.org/aatp/