ITP 2019 Toulouse Award Ceremony

26th International Symposium on Electroseparation and Liquid Phase-Separation Techniques

iTP 2019
September 1-4
University Paul Sabatier - TOULOUSE - France

3 AfSep Best Poster Awards of 300 € each arranged on behalf of the Association Francophone des Sciences Séparatives (the French-speaking society of separation sciences).

2 Electrophoresis (Wiley) Best Poster Awards including free e-subscription, certificate and 100 € book voucher each.

2 Royal Society of Chemistry Best Poster Awards including free e-subscription, certificate and 100 € voucher each..

2 Best Oral Presentation Awards delivered by a young scientist (≤ 35 yrs.) of 300 €, supported by AfSep & ITP symposium.

- Posters and oral presentations have been reviewed by an international panel of peers by the following criteria:
  - <u>Novelty, originality, and creativity</u> of the work
  - The <u>scope of the work</u>, the <u>quality of experimental design</u> and <u>execution of experiments</u>
  - <u>Presentation of the work</u>
  - <u>Impact of the work</u> like the potential for innovation, on progressing separation science, on economic and societal aspects, and its use in science teaching

- 74 posters
- 8 oral presentations by a young scientist (≤ 35 yrs.) selected by the International Scientific Committee of ITP Symposium Series.

- ## First round evaluation
  - Submitted posters sampled in 7 groups, approx. 9-11 each
  - Two reviewers/group
  - Provides one nomination for a BPA as a consensus decision
- ## Final evaluation round
  - 7 Nominations were reviewed and ranked for the AfSep or the Electrophoresis, RSC awards by a separate team.

- 7 reviewers
- Each reviewer scores for each criterium provided their ranking of the orals
- The rankings have been combined to deliver a final ranking

- ## Poster Reviewers

  Hervé Cottet, Guillaume Erny, Carlos Garcia, Ana Garcia-Campana, Bohuslav Gas, Djuro Josic, Vaclav Kasicka, Karel Kleparnik, Jörg Kutter, Tarso Ledur-Kist, Christian Neusüß, Martin Schmid, Hanno Stutz, Myriam Taverna, Ann van Schepdael, Thomas Welsch.

- ## Oral Presentation Reviewers

  Frantisek Foret, Sergey Krylov, Govert Somsen, Blanca Lapizco-Encinas, Koji Otsuka, Patrice Castignolles, Javier Hernandez Borges, Herman Wätzig

Tunable DNA size fractionation with µLAS technology

Audrey Boutonnet

Monitoring Aggregation of Aβ(1-40) by Taylor Dispersion Analysis and Capillary Zone Electrophoresis

Mihai Deleanu

Generalization of Affinity Capillary Electrophoresis Design Optimization: An in depth Evaluation of Radioligand Binding Assays using Monte Carlo Analysis

Matthias Oliver Stein

Development of an Imaged Capillary Isoelectric Focusing Method for Characterizing the Surface Charge of mRNA Lipid Nanoparticle Vaccines

John Loughney

Open source capillary electrophoresis device for quality control of medicines

Oliver Vorlet

Cell contractile force after electroporation as a new downstream analysis for investigating biophysical differences between sorted cell populations as monitored by nanofiber deflection.
Philip Graybill

Challenges in the Determination of the Substituent Distribution of Carboxymethyl Glucans by CE-UV/MS
Franziska Steingaß

➡ **Albuminome, a new way to discover new disease biomarkers: Alzheimer's Disease as a study case**
Emilie Rossi - Institut Galien Paris Sud, Univ. Paris-Sud, Université Paris-Saclay, Châtenay-Malabry, France

➡ **μLAS Technology for RNA Separation**
Bayan Chami - LAAS-CNRS, Toulouse, France

Awardees at ITP 2019

From left to right: Prof. Jean-Christoph Garrigues, Dr. Gerard Rozing, Bayam Chami, Emilie Rossi, Franziska Steingaß, Philip Graybill, John Loughney, Matthias Oliver Stein, Mihai Deleanu, Audrey Boutonnet, Prof. Francois Couderc and Prof. Hervé Cottet.