



MSB 2022

38th International Symposium on Microscale Separations and Bioanalysis

LIÈGE, BELGIUM | JULY 3-6, 2022

www.msb2022-conference.org



Award Ceremony

Reviews arranged by Dr. Gerard Rozing

Mission of the Society for Microscale Separations and Bionalysis (MSB)

Quoted from the SMSB mission statement*:

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- *Stimulate and encourage Young Scientists along with their careers.*

Awards @ MSB 2022

Effectively this mission statement is translated at MSB2022 into the offering of the following stimulus awards;

- 4 Best Oral Presentation Awards by a Young Scientist (BOP YS) sponsored by the Royal Society of Chemistry and WYNSEP
- 5 Best Poster Awards (BPA) sponsored by the Royal Society of Chemistry and Analytical Bioanalytical Chemistry
- Best Poster Award on Metabolomics sponsored by the Swiss Metabolomics Society plus 2 runner-up prizes

Awards @ MSB 2022

Contributions, Review Process

18 oral presentations for the BOP YS

45 posters for the BPA

6 submissions for the Metabolomics Award

An author could participate in one award

- Three review boards were arranged
- 2x6 peers for BOP YS, 3x3 peers for BPA, and 2 peers for the metabolomics posters

Awards @ MSB 2022

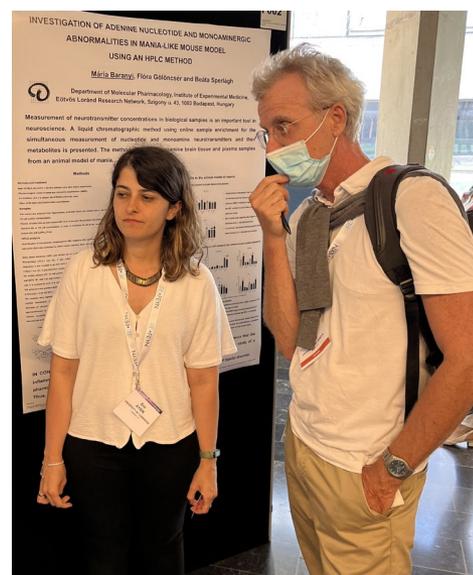
Criteria

- Significant and original contribution to basic and/or applied research in microscale separations or bioanalysis.
- Clarity of presentation, the structure of content, and smoothness of flow.
- Adequacy and persuasiveness of presenting.
- Responsiveness to audience questions and ability to discuss presented work. For posters, the presence and explanation of the authors during the poster sessions

Awards @ MSB 2022

Reviewers

Wim de Malsche, Jacques Crommen, Javier Sastre-Torano, Karen Waldron, Kevin Jooss, Maria-Fernanda Mora, Hervé Cottet, Anne-Catherine Servais, Govert Somsen, Stig-Pedersen Bjergaard, Barbara Stadlober, Anne Varenne, Tim Causon, Jacques Crommen (2x), Jorg Kutter, Christian Neusuess, Myriam Taverna, Rawi Ramautar, Enrica Calleri, Ana-Valéria Colnaghi-Simionato, Florian Meier-Rosar, Laura Pasquardini, Serge Rudaz.



Awards @ MSB 2022

Best Poster on Metabolomics

PROBING THE EFFECT OF CORTISOL AND SPECIFIC RECEPTOR INVOLVEMENT IN ZEBRAFISH LARVAE USING A NOVEL CAPILLARY ELECTROPHORESIS-MASS SPECTROMETRY METABOLOMICS WORKFLOW

Marlien van Wever, Leiden University

Awards @ MSB 2022

Runner-up Metabolomics poster

DEVELOPMENT OF A LC-IM-MS METHOD FOR THE CHIRAL ANALYSIS OF PROTEINOGENIC AMINO ACIDS

Luisa-Gabriela BOGOS, Iuliu Hațieganu University, Romania

ADVANTAGES OF ABSORPTION MODE FOURIER TRANSFORM WITH FULL WINDOW APODIZATION FOR ORBITRAP-BASED METABOLOMIC ANALYSIS

Sergey, GIREL, University of Geneva, Switzerland

Awards @ MSB 2022

Best Poster go to...

P54, DEVELOPMENT OF A MILLIFLUIDIC CHIP FOR FRACTIONATION OF A HETEROGENEOUS YEAST CULTURE BY COATED MAGNETIC NANOPARTICLES

Leonie Wittmann, Technical University of Munich, Germany

P50, A NOVEL COLUMN CONCEPT TO PERFECTLY ORDER CHROMATOGRAPHIC PARTICLES IN MICROGROOVES

Bert Vankeerberghen, Vrije Universiteit Brussel, Belgium

P47, IMAGED CAPILLARY ISOELECTRIC FOCUSING COMBINED WITH CHEMOMETRICS FOR THERAPEUTIC MONOCLONAL ANTIBODIES CONTROL

Cécile Tardif, Université Paris Saclay, France

Awards @ MSB 2022

Best Poster go to...

P04, INTERACTION STUDIES BETWEEN HPV AND HOST CELL RECEPTOR BY AFFINITY CAPILLARY ELECTROPHORESIS

Aurore Boclinville, Université de Liège, Belgium

P27, NEW APPROACH USING ON-LINE PURIFICATION AND PROCAINAMIDE FOR HILIC-FLR-MS N-GLYCAN ANALYSIS

Yosra HELALI, Université Libre, Bruxelles, Belgium

Awards @ MSB 2022

Best Oral by a Young Scientist

OC06:

TRAPPED ION MOBILITY MASS SPECTROMETRY OF NEW PSYCHOACTIVE DRUGS: FAST DISTINCTION AND ASSIGNMENT OF POSITIONAL ISOMERS IN DESIGNER-DRUG MIXTURES

Presented by:

Hany Majeed, Vrije Universiteit Amsterdam, Netherlands

OC17:

ABSOLUTE QUANTIFICATION AND STRUCTURAL CHARACTERIZATION OF INFLIXIMAB IN HUMAN SERUM USING CAPILLARY ELECTROPHORESIS HYPHENATED TO TANDEM MASS SPECTROMETRY

Presented by:

Tessa Reinert, University of Strasbourg, France

Awards @ MSB 2022

Best Oral by a Young Scientist

OC19:

**IN-VITRO DRUG-INDUCED LIVER INJURY MONITORING USING
RAMAN SPECTROSCOPY**

Presented by:

Margot Vandermotten, Vrije Universiteit Brussel, Belgium

OC28:

**SELF-POWERED LAB-ON-A-CHIP TECHNOLOGY FOR AUTOMATED SAMPLE
PRE-PROCESSING OF LATERAL FLOW IMMUNOASSAYS**

Presented by:

Dries Vloermans, KU Leuven, Belgium

Awards @ MSB 2022

Acknowledgement and Information

- A great Thank You to Marianne and Heidi for making the awards possible
- Thanks to the sponsors, the Royal Society of Chemistry, WYNSEP, and the Swiss Metabolomics Society
- All awardees will be contacted by the PCO, Mrs. Nadia De Vrieze, with instructions to claim the prize
- Time for a photo. Stay on the podium in the order as you were called.