

## Confirmed Speakers

### Plenary Lectures

#### **Proteomic Biomarker Discovery: From Hypervariable Data to Biomarker Candidates**

Rainer BISCHOFF  
(UNIVERSITY OF GRONINGEN, Groningen, The Netherlands)

#### **Metabolomics: Opportunities for Personalized Health**

Thomas HANKEMEIER  
(NETHERLANDS METABOLOMICS CENTER, Leiden, The Netherlands)

#### **Metabonomics-driven Top-down Systems Biology: Techniques and Applications**

John C. LINDON  
(IMPERIAL COLLEGE, London, United Kingdom)

#### **Peptide and Oligonucleotides Aptamers as New Ligands for Analytical Chemistry**

Marco MASCINI  
(UNIVERSITÀ DEGLI STUDI DI FIRENZE, Sesto Fiorentino, Italy)

#### **Application of Solid Phase Microextraction to Drug Development and Biomarker Discovery**

Janusz PAWLISZYN  
(UNIVERSITY OF WATERLOO, Waterloo Ontario, Canada)

#### **UHPLC : a Fast and Efficient Tool in Pharmaceutical Analysis**

Jean-Luc VEUTHEY  
(UNIVERSITY OF GENEVA, Geneva, Switzerland)

#### **The Enantioselective Pharmacokinetics and Pharmacodynamics of (R,S)-ketamine in the Treatment of Complex Regional Pain Syndrome: A Reexamination of an Old Drug**

Irving W. WAINER  
(NATIONAL INSTITUTE ON AGING, Baltimore, United States)

### Keynote Lectures

#### **Easy Update of LC Methods for Purity Control of Antibiotics**

Erwin ADAMS  
(KULEUVEN, Leuven, Belgium)

#### **Analytical Strategies for the Characterization of Protein Aggregation and its Inhibition in Human Diseases**

Vincenza ANDRISANO  
(UNIVERSITÀ DI BOLOGNA, Rimini, Italy)

#### **Nanobiodevice Based Single Cell Analysis for Cancer Diagnosis and in Vivo Imaging for Stem Cell Therapy**

Yoshinobu BABA  
(NAGOYA UNIVERSITY, Nagoya, Japan)

#### **Searching for Biomarkers in Abdominal Aneurysm through a Metabolomic Approach**

Coral BARBAS  
(SAN PABLO - CEU UNIVERSITY, Madrid, Spain)

#### **The Use of LC-MS(MS) in Doping Control Analysis**

Koen DEVENTER  
(UNIVERSITY OF GHENT (DOCOLAB), Zwijnaarde, Belgium)

#### **Cyclodextrin-based Chiral Separations by Capillary Electrophoresis in J. Crommen's lab : a Twenty Years Story**

## Confirmed Speakers

Marianne FILLET  
(UNIVERSITY OF LIÈGE, Liege, Belgium)

**The key role of Process Analytical Technology in Quality by Design driven drug discovery and development**

Staffan FOLESTAD  
(ASTRAZENECA, Molndal, Sweden)

**Analysis Strategies to Uncover and Avoid Counterfeit Drugs**

Ulrike HOLZGRABE  
(UNIVERSITY OF WUERZBURG, Wuerzburg, Germany)

**Aptamer-based Sorbents as an Alternative to Immunosorbents and Molecularly Imprinted Polymers for Selective Extraction of Drugs from Biological Samples**

Valerie PICHON  
(ESPCI, Paris, France)

**LC-SPE-NMR as a Tool for the Profiling of Herbal Medicinal Products**

Luc PIETERS  
(UNIVERSITY OF ANTWERP, Antwerp, Belgium)

**Total Error as Natural Decision Criteria for Analytical Methods Validation and Transfer**

Eric ROZET  
(UNIVERSITY OF LIEGE, Liege, Belgium)

**Towards characterization of pharmaceutical proteins by capillary electrophoresis combined with mass and fluorescence spectrometry**

Govert SOMSEN  
(UTRECHT UNIVERSITY, Amsterdam, The Netherlands)

**MALDI Imaging for Small Molecules and Clinical Proteomics: Developments and Applications**

Jonathan STAUBER  
(IMABIOTECH, Villeneuve d'Ascq, France)

**Proteomics in Drug Analysis**

Peter VERHAERT  
(DELFT UNIVERSITY OF TECHNOLOGY, Delft, The Netherlands)