

APA2018 - Advances in Pharmaceutical Analysis

Programme

Wednesday July 11, 2018

Welcome Reception offered by Métropole Européenne de Lille

Welcome Reception with Traditional food from Northern France (Reception Hall & MEL Gardens)
[Address : 1 rue du Ballon 59000 Lille](#)

End of the day

APA2018 - Advances in Pharmaceutical Analysis

Programme

Thursday July 12, 2018

Registration

Introduction and Welcoming Words

Prof. Bertrand DÉCAUDIN (DEAN OF THE FACULTY OF PHARMACY, UNIVERSITY OF LILLE, Lille, France)
Prof. Damien CUNY (VICE PRESIDENT, UNIVERSITY OF LILLE, Lille, France)

Session 1 - Electrically Driven Analytical Methods

Session Chairs

Prof. Debby MANGELINGS (VRIJE UNIVERSITEIT BRUSSEL, Brussels, Belgium)
Prof. Osamu NIWA (SAITAMA INSTITUTE OF TECHNOLOGY, Fukaya, Japan)

PL01 - Capillary Electrochromatographic Column Technology for Pharmaceutical Analysis

Prof. Zilin CHEN
(WUHAN UNIVERSITY, Wuhan, China)

KL01 - Electrodriven Methodologies for the Screening of New Antithrombotic Drugs

Prof. Marianne FILLET
(UNIVERSITY OF LIÈGE, Liege, Belgium)

KL02 - Single-Stranded Nucleic Acid Molecules as Chiral Selectors: Mechanisms and Applications

Prof. Eric PEYRIN
(GRENOBLE ALPES UNIVERSITY, St Martin d'Hères, France)

OC01 - CE-MS Analysis of Derivatized D- and L-Amino Acids for Targeted Neurometabolomics

Prof. Jacques CROMMEN
(UNIVERSITY OF LIÈGE, Liege, Belgium)

Coffee Break

Session 2 - Phytopharmaceutical Analysis

Session Chairs

Prof. Marianne FILLET (UNIVERSITY OF LIÈGE, Liege, Belgium)
Prof. Zhengjin JIANG (JINAN UNIVERSITY, Guangzhou, China)

KL03 - Challenges for Quality Control of Chinese Medicines

Prof. Shaoping LI
(UNIVERSITY OF MACAU, Macau, China)

OC02 - Cell Membrane Affinity Materials for Recognition and Preconcentration Active Components from TCM

Prof. Sichen WANG
(XI'AN JIAOTONG UNIVERSITY, Xi'an, China)

OC03 - Methods for Measuring Protein-Protein Interactions and Discovery of Potent Inhibitors

Prof. Joachim JOSE
(UNIVERSITY OF MÜNSTER, Münster, Germany)

APA2018 - Advances in Pharmaceutical Analysis

Programme

Exhibitor Short Presentation - Shimadzu The Art of Growing the Difference in SFC Analysis

Dr Johanna DUVAL
(SHIMADZU, Marne La Vallée Cedex 2, France)

Exhibitor Short Presentation - Waters Benefits of Mass Detection - Solutions for Pharma, Cosmetics and Botanical Applications

Dr Eric VAN BEELEN
(WATERS, The Netherlands)

Walking Lunch & Poster Session (Main Hall)

Session 3 - New Trends in Liquid Chromatography

Session Chairs

Prof. Bezhan CHANKVETADZE (TBILISI STATE UNIVERSITY, Tbilisi, Georgia)
Prof. Bart DE SPIEGELEER (UNIVERSITY OF GHENT, Ghent, Belgium)

KL04 - Routine Use of HILIC Applications in Food Analyses and in Biomolecule Development

Dr Tivadar FARKAS
(PHENOMENEX, Torrance, United States)

KL05 - New Trends in Liquid Chromatography for the Analytical Characterization of Proteins Biopharmaceuticals

Dr Davy GUILLARME
(UNIVERSITY OF GENEVA, Geneva, Switzerland)

OC04 - Insights into the Retention Modelling in Cyclodextrin Modified Green Liquid Chromatographic Methods

Dr Ana PROTIC
(UNIVERSITY OF BELGRADE, Belgrade, Serbia)

OC05 - Regulatory Quality Analytics in Advanced Therapy Medicinal Products: Raw Materials

Prof. Bart DE SPIEGELEER
(UNIVERSITY OF GHENT, Ghent, Belgium)

Coffee Break

Session 4 - SFC and NMR Spectroscopy for Pharmaceutical Analysis

Session Chairs

Dr Davy GUILLARME (UNIVERSITY OF GENEVA, Geneva, Switzerland)
Prof. Shaoping LI (UNIVERSITY OF MACAU, Macau, China)

KL06 - Impact of the Additive in Supercritical Fluid Chromatography

Dr David SPEYBROUCK
(JANSSEN-CILAG, Val de Reuil, France)

OC06 - From Impurity Profiling to Purified Metabolites: Drug Discovery Supported by Analytical and Preparative Supercritical Fluid Chromatography

Dr Caroline WEST
(UNIVERSITY OF ORLEANS, ICOA, Orleans, France)

APA2018 - Advances in Pharmaceutical Analysis

Programme

OC07 - Purification and Characterization of Sildenafil and Fifteen Analogues in One Dietary Supplement Marketed for Sexual Dysfunction

Prof. Veronique GILARD
(PAUL SABATIER UNIVERSITY, Toulouse, France)

PL02 - NMR Spectroscopy in Quality Analysis of Drugs and Excipients

Prof. Ulrike HOLZGRABE
(UNIVERSITY OF WUERZBURG, Wuerzburg, Germany)

Guided tour of Lille's city center

Conference Banquet, Hotel Carlton (3 Rue Pierre Mauroy, 59000 Lille)

APA2018 - Advances in Pharmaceutical Analysis

Programme

Friday July 13, 2018

Session 5 - Chiral Separations

Session Chairs

Prof. Jacques CROMMEN (UNIVERSITY OF LIEGE, Liege, Belgium)
Prof. Michal MARKUSZEWSKI (MEDICAL UNIVERSITY OF GDANSK, Gdansk, Poland)

PL03 - Chromatographic Enantioseparations and the Pharmaceutical Industry

Dr Larry MILLER
(AMGEN, Thousand Oaks, United States)

KL07 - Recent Development in Enantioseparation of Chiral Drugs with Polysaccharide-Based Chiral Columns in HPLC

Prof. Bezhana CHANKVETADZE
(TBILISI STATE UNIVERSITY, Tbilisi, Georgia)

KL08 - Transferability of Chiral Separations in Supercritical Fluid Chromatography

Prof. Debby MANGELINGS
(VRIJE UNIVERSITEIT BRUSSEL, Brussels, Belgium)

Coffee break

Session 6 - Mass Spectrometry

Session Chairs

Prof. Ulrike HOLZGRABE (UNIVERSITY OF WUERZBURG, Wuerzburg, Germany)
Prof. Eric PEYRIN (GRENOBLE ALPES UNIVERSITY, St Martin d'Heres, France)

OC08 - Orthogonal LC/MS Methods for the Comprehensive Characterisation of Therapeutic Glycoproteins

Dr Arnaud DELOBEL
(QUALITY ASSISTANCE, Donstiennes, Belgium)

KL09 - Identification and Quantification of Advanced Glycation End-Products in Foods and Biological Samples

Prof. Frédéric TESSIER
(UNIVERSITY OF LILLE, CHRU, Lille, France)

OC09 - Determination of Pharmaceutical Substances in Biological Materials by Use of HPLC-MS/MS Technique and Design of Experiment (DoE) Approach

Prof. Michal MARKUSZEWSKI
(MEDICAL UNIVERSITY OF GDANSK, Gdansk, Poland)

KL10 - Supercritical Fluid Chromatography Coupled to High Resolution Tandem Mass Spectrometry (SFC-HRMS/MS) for Biological Analysis

Dr David TOUBOUIL
(INSTITUT DE CHIMIE DES SUBSTANCES NATURELLES, Gif-sur-Yvette , France)

OC10 - Bio-Mass Spectrometry for Tracking Nanomaterials and Nanomedicine In Vivo

Prof. Jingkai GU
(JILIN UNIVERSITY, Changchun, China)

Exhibitor Short Presentation - SCIEX CESI-MS: A Technique for the Characterization and Analysis of Intact and Digested Biopharmaceuticals

APA2018 - Advances in Pharmaceutical Analysis

Programme

Dr Whitney SMITH
(AB SCIEX GERMANY GMBH, Darmstadt, Germany)

Walking Lunch & Poster Session (Main Hall)

Session 7 - New Bioanalytical Strategies

Session Chairs

Dr Christophe FURMAN (UNIVERSITY OF LILLE, FACULTY OF PHARMACY, Lille, France)
Prof. Frédéric TESSIER (UNIVERSITY OF LILLE, CHRU, Lille, France)

KL11 - High-Affinity Subtype-Selective Fluorescent Probes for Estrogen Receptor Imaging in Living Cells and Targeted Breast Cancer Therapy

Prof. Haibing ZHOU
(WUHAN UNIVERSITY, Wuhan, China)

OC11 - Strategies for the Identification and Quantitation of Intact Virus-Like Particles of Human Papillomavirus in CE

Dr Anne-Catherine SERVAIS
(UNIVERSITY OF LIÈGE, Liege, Belgium)

OC12 - NMR as a Powerful Analytical and Screening Tool for the Discovery of Modulators of Protein-Protein Interactions

Dr Joao NEVES
(UNIVERSITY OF LILLE, Villeneuve d'Ascq, France)

KL12 - Small Molecules Functionalized Affinity Materials for Intact Protein Capture and Separation

Prof. Zhengjin JIANG
(JINAN UNIVERSITY, Guangzhou, China)

Coffee Break

Session 8 - Biosensors and Electrochemical Methods

Session Chairs

Prof. Zili Chen (WUHAN UNIVERSITY, Wuhan, China)
Prof. Haibing Zhou (WUHAN UNIVERSITY, Wuhan, China)

OC13 - Development of Bio-/Pharm-Lab on a Chip

Prof. Qiong-lin LIANG
(TSINGHUA UNIVERSITY, Beijing, China)

OC14 - Graphene-Based Field Effect Transistor Biosensor for NO Detection at Cell Level

Prof. Guojun ZHANG
(HUBEI UNIVERSITY OF MEDICINE, Wuhan, China)

PL04 - Electrochemical Methods for Pharmaceutical Analysis with Nanostructured Electrodes

Prof. Osamu NIWA
(SAITAMA INSTITUTE OF TECHNOLOGY, Fukaya, Japan)

3 Poster Awards

Invitation to APA 2019

APA2018 - Advances in Pharmaceutical Analysis

Programme

Farewell drink

This is the preliminary program and is subject to change