Summer School in Pharmaceutical Analysis – SSPA 2019

"Current Trends in the Analysis of Medicinal Plants"

September 11-13, 2019, ex Aurum Congress Center, Pescara (Italy)

Final Program

Sept 11, afternoon

14:00-15.00 Registration

15:00-15.30 Opening

Chairperson: Giancarlo Aldini

15.30-16.30 **Jean Luc Wolfender – University of Geneva**

INNOVATIVE STRATEGIES FOR THE DETAILED METABOLITE PROFILING OF NATURAL EXTRACTS AND CONFIDENT ANNOTATION OF THEIR SECONDARY METABOLITES

16.30 – 17.30 **Ph.D. Students Session**

18.00 Welcome cocktail

20.00 Dinner

Sept 12, morning

Chairperson: Vincenza Andrisano

SESSION "REGULATORY AFFAIRS AND COUNTERFEITING"

9.00 – 10.00 **Anna Rita Bilia – University of Florence**

EUROPEAN PHARMACOPEIA: QUALITY STANDARDS FROM MEDICINAL PLANTS TO THEIR EXTRACTS

10.00 – 10.30 Coffee Break

10.30-11.30 **Luisa Mattoli – Aboca Spa, Sansepolcro**

CHALLENGES AND NEW APPROACHES IN THE ANALYSIS OF COMPLEX NATURAL PRODUCTS

SESSION "ANALYTICAL METHODS IN THE DISCOVERY OF BIOACTIVE PLANT COMPONENTS"

11.30 – 12.30 **Federica Pellati – University of Modena - Reggio Emilia**

HPLC AND GC TECHNIQUES FOR THE STUDY OF BIOACTIVE PLANT COMPONENTS

12.30 – 14.00 Lunch

Sept 12, afternoon

Chairperson: Ersilia De Lorenzi

SESSION "ANALYTICAL METHODS IN MEDICINAL PLANT CHARACTERIZATION AND STANDARDIZATION"

14.00 – 15.00 **Orazio Tagliatela Scafati – University of Naples "Federico II"**

EXPLORING THE PHYTOCANNABINOID BIOLOGICAL AND CHEMICAL SPACE

15.00 – 15.30 Coffee Break

15.30 – 16.30 **Nicola Sardone – Indena Spa, Milan**

FROM THE FIELD TO THE ISOLATED API: THE ANALYTICAL PATH FOR THE PRODUCTION OF CBD

16.30 – 17.30 **Satyajit Sarker – Liverpool John Moores University**

ADVANCES IN PHYTOCHEMICAL ANALYSIS

20.00 Social Dinner

Sept 13, morning

Chairperson: Manuela Bartolini

SESSION "OMICS TECHNIQUES IN PLANT ANALYSIS"

9.00 – 10.00 **Virginia Lanzotti – University of Naples "Federico II"**

METABOLOMICS APPROACHES AND NEW PERSPECTIVES IN PHYTOPHARMACEUTICAL RESEARCH

10.00 – 10.30 Coffee Break

SESSION "ANALYTICAL METHODS IN THE DISCOVERY OF BIOACTIVE PLANT COMPONENTS"

10.30- 11.30 **Günther Bonn – University of Innsbruck**

NOVEL ENRICHMENT AND SEPARATION TECHNOLOGIES FOR NATURAL PRODUCT RESEARCH – APPLICATION AND QUALITY CONTROL IN PHYTOPHARMACY AND PHYTOCOSMETICS

11.30 – 12.30 **Francesco Epifano – University "G. d'Annunzio" of Chieti-Pescara**

HUNTING FOR RARE NATURAL PRODUCTS

12.30 – 14.00 Dinner

Sept 13, afternoon

Chairperson: Roccaldo Sardella

14.00 – 15.00 **Hermann Stuppner - University of Innsbruck**

SUPERCRITICAL FLUID CHROMATOGRAPHY IN NATURAL PRODUCTS ANALYSIS

15.00 – 15.30 Closing remarks