



#### **4 September Sunday**

#### **13:00 – 14:00 Joint Workshop: *Young Researchers Workshop***

**Hall B**

#### **13:00-13:30 Rapid strategies for (phyto) chemical characterization of natural products**

Chairs: **Jean Luc Wolfender / Judith Rollinger / Anna Rita Bilia**

**Impulse lecture:** Metabolic Characterization of Plants Using NMR-based Metabolomics  
**Young Choi**

#### **13:30-14:00 Rapid strategies to assess bioactivity of natural products**

Chairs: **Deniz Tasdemir / Thomas Effert / Andreas Hensel**

**Impulse lecture:** Discovery of neuroactive natural products using behavioral assays in zebrafish

**Alexander Crawford**

#### **14:00 – 17:00 WORKSHOP I: *Young Researchers Workshop***

**Hall B**

#### **Rapid strategies for (phyto) chemical characterization of natural products**

Chairs: **Jean Luc Wolfender / Judith Rollinger / Anna Rita Bilia**

14:00-14:15 On-line coupling of Centrifugal Partition Chromatography (CPC) to High Performance Liquid Chromatography-Mass Spectrometry (HPLC-MS/MS)

**Thomas Michel**

14:15-14:30 A rapid LC- MS method for the simultaneous quantification of oleuropein and its main metabolite, hydroxytyrosol, in clinical samples after oral administration of commercial herb medicinal products

**Nikoloas Lemonakis**

14:30-14:45 Improved peptidomics screening protocol for the identification of cyclotide-containing plants

**Johannes Köhbach**

14:45-14:55 Short Break

14:55-15:10 Phytochemical profiling of *Opopanax persicus* Boiss.

**Afsaneh Rajabi**

15:10-15:25 Fungal co-culture as a new source of antifungal metabolites

**Samuel Bertrand**

15:25-15:40 *Achillea collina* response to biotic and abiotic stresses: a comparative evaluation of volatile emissions pathways

**Chandrika Niranjala Nanayakkara Wasam Masachchige**



#### **4 September Sunday**

15:40-15:55 A validated HPLC method for standardization of the most active fraction of the antihyperglycemic drug *Cleome droserifolia* using bioactive markers  
**Amira Abdel Motaal**

15:55-16:25 Coffee Break

**16:25-17:00 Joint Round Table Discussion: Young Researcher Workshop** **Hall B**

#### **PARALLEL SESSION – II**

**14:00 – 17:00 WORKSHOP II: *Young Researchers Workshop*** **Hall C**

Rapid strategies to assess bioactivity of natural products  
Chairs: **Deniz Tasdemir / Thomas Effert / Andreas Hensel**

14:00-14:15 Risk assessment of hERG channel inhibition by natural products — screening and activity directed analysis of spices, food and medicinal plants  
**Anja Schramm**

14:15-14:30 New cerebrosides and hydroxylated fatty acids from TCM drugs  
**Evelien Rozema**

14:30-14:45 Potential inhibitors of chikungunya and dengue viruses isolated from Malagasy plants  
**Melanie Bourjot**

14:45-14:55 Short Break

14:55-15:10 Toxicological risk assessment of Aristolochia species  
**Johanna Michl**

15:10-15:25 Synthesis, detection and quantification of the highly active AhR ligands tryptanthrin, indirubin and indolo[3,2-b]carbazol in *Malassezia* yeasts  
**Nikitia Mexia**

15:25-15:40 A rapid method for detection of alliinase activity in *Allium*, especially in the subgenus *Melanocrommyum*  
**Monica Gabriella Mielke**

15:40-15:55 Electrophoretic mobility in agarose gel as an isolating technique and correlation with synergistic cytotoxicity enhancement  
**Mayank Thakur**

15:55-16:25 Coffee Break

**16:25-17:00 Joint Round Table Discussion: Young Researcher Workshop** **Hall B**