



## **Training Events**

*in the framework of the H2020 projects*

H2020-MSCA-RISE-2014 TROPSENSE (ref. 645758)

H2020-MSCA-RISE-2017 bTB-Test (ref. 777832)

H2020-WIDESPREAD 2-2014 SupraChem Lab (ref. 667387)

**Iasi, Romania, 23-24 July 2018**

### **Day 1: 23/07/2018**

*Place: Romanian Academy, Bd. Carol I no. 8, Iasi*

9:00 – 9:10 Dr. Radu Ionescu (Chair) – Welcome

9:10 – 9:20 Dr. Mariana Pinteala (ICMPP) – Short presentation of IntelCentru

9:20 – 9:30 Dr. Teodora Rusu (ICMPP) – Presentation of the ERA-Chair project coordinated by ICMPP

9:30 – 10:15 Dr. Mihai Brebu (ICMPP) – Course about GC-MS

10:15 – 10:45 *Coffee Break*

10:45 – 11:30 Dr. Anca Petrovici (ICMPP) & Dr. Marius Niculaua (Research Centre for Oenology, Iasi) – Course about HPLC

11:30 – 12:15 Dr. Mihaela Sillion (ICMPP) & Dr. Marius Niculaua ((Research Centre for Oenology, Iasi)) – Course about HPLC-MS

12:15 – 13:00 Dr. Alina Nicolescu (ICMPP) – Course about NMR

13:00 – 14:30 *Lunch and travel to ICMPP*

14:30 – 16:00 Visit of ICMPP facilities

## **Day 2: 24/07/2018**

*Place: Romanian Academy, Bd. Carol I no. 8, Iasi*

9:00 – 9:30 Dr. Radu Ionescu (UU) – Diagnosis of Tropical Diseases through Exhaled Breath Analysis

9:30 – 10:00 Prof. Cristhian Duran (UP) – Diagnosis of Gastric Cancer in Colombian Patients through Exhaled Breath Analysis

10:00 – 10:30 Prof. Boris Mizaikoff (UULM) – Towards On-Line Breath Sensing in Animal Models

*10:30 – 11:00 Coffee Break*

11:00 – 11:30 Prof. Nicolo Landini (University of Ferrara) - Medical and biological applications for nanostructured chemoresistive sensors - detection of tumor markers on human blood, cells and tissue samples

11:30 – 11:45 Mr. Erhan Tütüncü (UULM) – Advanced Photonic Sensors based on Interband Cascade Lasers for Real-time Mouse Breath Analysis

11:45 – 12:00 Mr. Vjekoslav Kokoric (UULM) – Preconcentration methods towards the determination of volatile organic compounds in exhaled breath using substrate-integrated hollow waveguide mid-infrared sensors

12:00 – 12:15 Mrs. Youssra Aghoutane (UMI) – Comparison of VOCs spectra emitted by original and fake perfumes

12:15 – 12:30 Dr. Alina Nicolescu (ICMPP) – NMR applications to diagnostic of metabolic diseases. Case studies.

*12:30 – 13:30 Lunch*

13:30 – 14:00 Dr. Yasmine Benali (IPA) – Bovine tuberculosis

14:00 – 14:30 Prof. Danut Turcu (USH) – VOCs sampling from biological samples of bovines

14:30 – 15:00 Dr. Dumitru Ulieru (SITEX) – Portable prototype developed for the Tropsense project

15:00 – 15:30 Dr. Hanen Smadhi (IPT) – Diagnosis approach of tuberculosis: perspectives of Exhaled Breath Analysis

15:30 – 15:45 Dr. Radu Ionescu (Chair) – Closure

*15:45 – 16:45 Internal meeting bTB-Test project*