Schedule

MONDAY, December 5th
12:00 – 17:00

12:00 – 12:15	**Opening remarks** *Anca Bojan PhD, MD,* The Oncology Institute "Prof. Dr. Ion Chiricuta", Cluj-Napoca, Romania
12:15 - 12:30	**Current Research at The Oncology Institute "Prof. Dr. Ion Chiricuta", Cluj-Napoca** *Anca Burca PhD*, The Oncology Institute "Prof. Dr. Ion Chiricuta", Cluj-Napoca, Romania
12:30 – 13:00	**Functional Genomics in Cancer Research** *Ovidiu Balacescu PhD,* The Oncology Institute "Prof. Dr. Ion Chiricuta", Cluj-Napoca, Romania
13:00 - 13:45	**Epigenetic Regulation of Chemosensitivity in Triple Negative Breast Cancer Cells** *Oana Tudoran PhD,* The Oncology Institute "Prof. Dr. Ion Chiricuta", Cluj-Napoca, Romania
13:45 -14:15	**Adult mesenchymal stem cells as players with multiple roles in cancer** *Olga Soritau MD, PhD*, The Oncology Institute "Prof. Dr. Ion Chiricuta", Cluj-Napoca, Romania
14:15 – 14:30	*Coffee break*
14:30 – 15:15	**Analysis of Neural Tube Closure in Retinoic Acid Deficient Mouse Embryos** *Ovidiu Sarbu Prof. MD PhD*, University of Medicine and Pharmacy "Victor Babes", Timisoara, Romania
15:15 – 16:00	**Exosomes: Their potential role in genomic transfer of resistance to therapy** *Ioana Neagoe PhD*, The Oncology Institute "Prof. Dr. Ion Chiricuta", Cluj-Napoca, Romania
16:00 – 16:30	**Analyzing Multiple SNPs in Order to Define the Genetic Predisposition in Myeloproliferative Neoplasms** *Adrian Trifa Assist. Prof. MD, PhD*, University of Medicine and Pharmacy "I. Hatieganu", Cluj-Napoca, Romania
16:30-17:00	**Discussions**

TUESDAY, December 6th

10:00 – 18:00

10:00 – 11:00	**Oxygen Sensing in Physiology and Disease** *Mircea Ivan MD, PhD*, Indiana University, Indiana, IN, USA
11:00 - 11:45	**Expansion Pathology: the Physical Tissue Expansion for Diagnostic Pathology and Research** *Octavian Bucur MD, PhD*, Harvard University, Boston, MA, USA
11:45 - 12:00	*Coffee break*
12:00 – 12:45	**Defining the Molecular Features and Opportunities for Intervention of Low Grade Gliomas** *Clark Wells PhD*, Indiana University, Indiana, IN, USA
12:45 - 14:00	*Lunch*
14:00 - 14:30	**Plasmonic Nanoparticles in Cancer Nanomedicine: Design, Applications and Challenges** *Simion Astilean Prof. PhD*, Babes-Bolyai University, Cluj-Napoca, Romania
14:30 – 15:00	**Applications of flow-cytometry in cancer research** *Mihai Cenariu PhD*, University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca, Romania
15:00 – 16:00	**Metastatic colorectal cancer -standards of systemic treatment** *Calin Cainap MD, PhD,* The Oncology Institute "Prof. Dr. Ion Chiricuta", Cluj-Napoca, Romania
16:00 – 16:15	*Coffee break*
16:15 - 18:00	**Research Ethics** *Claudia A. Rosu MD, PhD* (video-conference), MGH IHP, Boston, MA, USA

WEDNESDAY, December 7th

10:00 – 17:00

10:00 -11:00	**The Noncoding Arm of Oxygen Sensing** *Mircea Ivan MD, PhD,* Indiana University, Indiana, IN
11:00 - 11:45	**Connecting Inflammatory Signaling to Organ Size Homeostasis** *Clark Wells PhD*, Indiana University, Indiana, IN
11:45 -12:00	*Coffee break*
12:00 – 12:45	**Introduction to Droplet Digital PCR: Workflow and Applications** *Nazha Bouhafid PhD,* Field Application Scientist, Bio-Rad Laboratories, Middle East & Africa
12:45 – 14:30	*Lunch*
14:30 –	**Guided tour of Cluj-Napoca**

THURSDAY, December 8th

10:00 – 18:00

10:00 – 11:00	**Nanotechnology-Based Therapeutic Approaches in Digestive Cancers** *Teodora Mocan MD, PhD* University of Medicine and Pharmacy "I. Hatieganu", Cluj-Napoca, Romania
11:00 – 12:00	**Tumor Metabolism: From Bench to Bedside** *Mircea Ivan Prof. MD, PhD*, Indiana University, Indiana, IN, USA
12:00- 12:15	*Coffee break*
12:15 – 12:45	**The Importance of Standardized Anatomopatologic Diagnostics in Scientific Research** *Bogdan Fetica* MD, PhD, The Oncology Institute Prof. Dr. I. Chiricuta, Cluj-Napoca, Romania
12:45 – 14:00	*Lunch*
14:00 – 15:30	**Tissue Microarray**

	CycIF versus IF/IHC for Highly Multiplexed Staining and Imaging of Tissue Sections
	Antibody Validation and Why the Current Validation Standards Are Inadequate
	Octavian Bucur MD, PhD, Harvard University, Boston, MA
15:30-16:00	**The dynamics of fibroblasts in primary myelofibrosis**
	Ciprian Tomuleasa MD, PhD, University of Medicine and Pharmacy "I. Hatieganu", Cluj-Napoca, Romania
16:00 – 16:15	*Coffee break*
16:15 – 18:00	**Introduction to Quantitative Data Analysis in Social Sciences**
	Claudia A. Rosu MD, PhD (video-conference), MGH IHP, Boston, MA
18:00	**Workshop Concluding Remarks**

FRIDAY, December 9th

10:00 – 17:00

10:00 – 11:30	**The Oncology Institute "Prof. Dr. I. Chiricuta", Laboratories Visit**
11:45 – 13:00	**University of Medicine and Pharmacy "I. Hatieganu", Laboratories Visit**
14:30 -	**Salina Turda Guided Tour**

*This schedule is subject to change.