2017
INTERNATIONAL EXPLORATORY WORKSHOP
On
Advanced Technologies in Cancer Diagnosis and Treatment

28th of September 2017, Golden Tulip Hotel, Cluj-Napoca

PROGRAM

CHAIRMEN
Doina PISLA, Nicolae CRISAN

08:30 – 09:20  Registration

Invited Talks

09:20 – 09:30  Opening Ceremony

09:30 – 09:45  BIOPROS-1 – An Innovative Parallel Robotic System for Transperineal Prostate Biopsy
Doina PISLA, Bogdan GHERMAN, Calin VAIDA, Paul TUCAN, Nicolae PLITEA: Technical University of Cluj-Napoca, Romania

09:45 – 10:00  MRI Assisted Prostate Biopsy - Techniques
Iulia ANDRAS, Nicolae CRISAN, Ioan COMAN: University of Medicine and Pharmacy, Cluj-Napoca, Romania

10:00 – 10:15  Robotic Surgery: Past, Present and Future
Nadim AL HAJJAR, Florin GRAUR, Calin VAIDA*, Vlad PUIA: University of Medicine and Pharmacy, Cluj-Napoca, Romania, *Technical University of Cluj-Napoca, Romania

10:15 – 10:30  Thermal Ablation: What’s in the Lab?
Franco ORSI, European Institute of Oncology, Milan, Italy

10:30 – 10:45  Breast Cancer Imaging at mm-Waves
Giuseppe RENNE, European Institute of Oncology, Milan, Italy
10:45 – 11:00  Advanced Texture-Based Methods for the Characterization and Automatic Diagnosis of Some Important Abdominal Tumors and of their Evolution Stages, from Ultrasound Images
Delia MITREA, Sergiu NEDEVSCHI, Radu BADEA*, Paulina MITREA, Technical University of Cluj-Napoca, Romania, *University of Medicine and Pharmacy, Cluj-Napoca, Romania

11:00 – 11:30  Coffee Break

11:30 – 11:45  Minimally Invasive Instruments for Enhanced Tumor Treatments
Calin VAIDA, Doina PISLA, Iosif BIRLESCU, Bogdan GHERMAN, Florin CRACIUN, Florin GRAUR*, Nicolae PLITEA: Technical University of Cluj-Napoca, Romania, *University of Medicine and Pharmacy, Cluj-Napoca, Romania

11:45 – 12:00  Cutting Edge Tools in Minimally Invasive Surgery
Horia URS, KARL STORZ Romania

12:00 – 12:15  Robotic Surgery Approach in Limited Access Anatomical Areas
Razvan RAHOTA, Iulia ANDRAS, Nicolae CRISAN, Ioan COMAN: University of Medicine and Pharmacy, Cluj-Napoca, Romania

12:15 – 12:30  Robotic Surgery: A History
Deliu Victor MATEI, European Institute of Oncology, Milan, Italy

12:30 – 12:45  A New Approach to Diagnosis and Rehabilitation in Spine Diseases
Silviu BUTNARIU, Daniel VOINEA: “Transylvania” University Brasov, Romania

12:45 – 13:00  Robotic Brachytherapy – Ready for a Change?
Dan DORDAI, Gabriel KACSO: University of Medicine and Pharmacy, Cluj-Napoca, Romania

13:00 – 13:15  Advanced Surgical Tools and Integrated Solutions for Hepatic Surgery, Resection with Water Surgery, Use of APC for Hemostasis and News about Electrosurgery
Tamas SIMO, Elmed Medical, Targu Mures, Romania

13:15 – 13:30  Virtual and Augmented Reality Applications for Planning of Robotic Prostate Transperineal Biopsy
Florin GIRBACIA: “Transylvania” University Brasov, Romania

13:30 – 14:30  Lunch Break