



Symposium “Systems Medicine in Clinical Practice”

10th - 11th June 2019

Monday, June 10th 2019

12.30-13.00	Registration
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1. OPENING OF THE SYMPOSIUM

Chairperson: Dr. **Eva Batista**, Ministry of Education, Science and Sport, Slovenia

13.00-13.15	<p><i>Welcome speeches:</i> Prof. Dr. Igor Papič, Rector of University of Ljubljana, Slovenia Dr. Tomaž Boh, Director General of Science Directorate, Ministry of Education, Science and Sport, Slovenia</p>
13.15-14.00	<p>Prof. Dr. Josep Roca, IDIBAPS, University of Barcelona, Spain <i>Paradigm changes for diagnosis: using big data for prediction</i></p>

2. SUCCESS STORIES FROM ERACOSYSMED JOINT TRANSNATIONAL CALL 2015

Chairpersons: Dr. **Pablo Villoslada**, IDIBAPS, University of Barcelona, Spain & Prof. Dr. **Damjana Rozman**, University of Ljubljana, Faculty of Medicine, Slovenia

14.00-14.30	<p>Prof. Dr. Friedrich Feuerhake, Hannover Medical School, Germany <i>SysMIFTA: A systems medicine approach to minimize macrophage-associated interstitial fibrosis and tubular atrophy in renal allograft rejection</i></p>
14.30-15.00	<p>Prof. Dr. Cormac Taylor, University College Dublin, Ireland <i>OxyUC: The impact of hypoxia on inflammation and tumorigenesis in ulcerative colitis</i></p>
15.00-15.20	<i>Coffee break</i>
15.20-15.50	<p>Dr. Pablo Villoslada, IDIBAPS, University of Barcelona, Spain <i>Sys4MS: Using computational tools to design personalized healthcare for Multiple Sclerosis</i></p>
15.50-16.20	<p>Prof. Dr. Thomas Hoefler, German Cancer Research Centre, Germany <i>OPTIMIZE-NB: Optimizing first-line therapy for aggressive neuroblastoma by systems medicine</i></p>
16.20-16.30	<i>Discussion time</i>

3. DIFFERENT PERSPECTIVES ON SYSTEMS MEDICINE

Chairperson: Assist. Prof. Dr. **Tadeja Režen**, University of Ljubljana, Faculty of Medicine, Slovenia

16.30-17.00	<p>Marko Korenjak, European Liver Patients' Association, Belgium <i>Systems medicine and liver diseases: a patients' perspective</i></p>
17.00-17.30	<p>Prof. Dr. Damjana Rozman, University of Ljubljana, Faculty of Medicine, Slovenia <i>Systems medicine research towards novel liver disease stratification strategies</i></p>
17.30-19.30	Poster session with welcome reception



Tuesday, June 11th 2019

8.30-9.00	<i>Registration</i>
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4. SUCCESS STORIES FROM ERACOSYSMED JOINT TRANSNATIONAL CALL 2017

Chairperson: Prof. Dr. **Josep Rocca**, IDIBAPS, University of Barcelona, Spain & Dr. **Mirjana Liovič**,
 University of Ljubljana, Faculty of Medicine, Slovenia

09:00-09.30	Dr. Mirjana Liovič , University of Ljubljana, Faculty of Medicine, Slovenia <i>4D Healing: Data-Driven Drug Discovery for Wound Healing</i>
09.30-10.00	Prof. Dr. Wilfried Gwinner , Medizinische Hochschule Hannover, Germany <i>ROCKET: Systems Medicine based improvement of diagnosis and prediction in kidney transplant patients: Reclassification using OmiCs integration in Kidney Transplantation</i>
10:00-10:30	Prof. Dr. Jean-Cristophe Corvol , INSERM, Clinical Research Centre for Neurosciences, France PD-Strat: Multi-dimensional stratification of Parkinson's disease patients for personalised interventions
10:30-11.00	<i>Coffee break</i>

5. WORKSHOP "SYSTEMS MEDICINE IN CLINICAL PRACTICE: ETHICAL DILEMMAS AND EDUCATION"

Chairpersons: Prof. Dr. **Sona Vasudevan**, University of Georgetown, Medical Faculty, USA &
 Prof. Dr. **Igor Švab**, University of Ljubljana, Faculty of Medicine, Slovenia

11.00-11.20	Prof. Dr. Igor Švab , University of Ljubljana, Faculty of Medicine, Slovenia <i>Family medicine, genomics and ethics</i>
11.20-11.40	Sebastian Schleidgen , M.A., University of Philosophy and Theology Vallendar, Germany <i>Ethical aspects in systems medicine</i>
11:40-12.00	Prof. Dr. Sona Vasudevan , University of Georgetown, Medical Faculty, USA <i>Do we need systems medicine specialists?</i>
12:00-13.00	Dr. Jernej Kovač , University Clinical Center Ljubljana, Slovenia <i>Interactive tutorial: Whole genome sequencing in clinical practice</i>
13.00-13.05	<i>Closing of symposium</i>