EPMA World Congress - Preliminary Programme

Thursday, September 14th

2pm – 4pm: Workshop of Young Professionals in PPPM (EPMA-YPS)

Chaired by Prof. Dr. R. Danesi and Prof. Dr. H. Podbielska

(10min per presentation)

Mini-encyclopaedia of wound healing: Lessons for predictive, preventive and personalised medicine. Lara Stolzenburg-Veeser and Olga Golubnitschaja
Patient stratification, prediction, prevention and prognosis in wound healing: Dream or reality? Eden Avishai and Olga Golubnitschaja
Altered sense regulation and related health conditions: is a predictive modelling possible? Nadja Koschelew and Olga Golubnitschaja
Longevity – good luck or reasonable life-long healthcare strategy? Ekaterina Silantyeva and Olga Golubnitschaja
Accelerated ageing in breast cancer aetiology and progression: Multi-factorial patient profiles for effective prediction and prevention of the disease. Aviv Peer and Olga Golubnitschaja
Heterogeneity in breast cancer. Elaine Borg, Pierre Schembri Wismayer and Godfrey Grech
A Clinical Audit on HER2-Positive Breast Cancer Treatment & Response Trends in Malta. Jeanesse Scerri, Godfrey Grech, Christian Scerri, Donika Metaraku
Evaluation of cytotoxicity of nanoparticles on cancer cells with LDH & MTT assays. Orestis Strymponis
Human saliva as a powerful source of information: multi-omics biomarker panels. Dana Mileguir and Olga Golubnitschaja

Thursday, September 14th

4:30 – 5:30pm: EPMA General Assembly (EPMA members only)

Thursday, September 14th

6 – 9 pm: Opening Ceremony, keynote speech by O. Golubnitschaja (Global challenges and PPPM-solutions: Long-term strategies by the EPMA) followed by Welcome party
Friday, September 15th

9:00 – 10:30am: Two keynote speeches: 1. Evi Lindabou (Liquid Biopsies) and 2. J. Flammer and K. Konieczka (Flammer Syndrome)

10:45am – 1pm: PPPM in Neurological, Neurodegenerative and Neuropsychiatric Disorders

Chaired by Prof. Dr. F. Paul and Prof. Dr. M. Legg

Keynote (25min):
Psychiatry - Quo Vadis? Opportunities for a Personalised Approach to Diagnosis and Treatment. Bernhard T Baune

(15min per presentation)
Retinal imaging in neuroinflammatory and neurodegenerative disorders – current research and clinical applications. Friedemann Paul
Machine assisted cognitive bias correction and prediction are key to predictive, preventive, personalised medicine (PPPM). Michael Legg
Personalized Approach in the Treatment of Tinnitus and Insomnia - Combining Repetitive Prediction and prevention of suicidality among patients with depressive disorders: Comorbidity as a risk factor. Lence Miloseva, Vladimir Milosev, Kneginja Richter, Lukas Peter, Günter Niklewski
Individualised paediatric drug therapy of an antiepileptic drug. Hana Shabbi, Christian Saliba, Doriette Soler, Godfrey Grech, and Janet Mifsud
Effects Of Physical Activity Program On Cognitive Function, Depression And Quality Of Life In Alzheimer Patients With First Stage: A Randomized Controlled Trial. Muammer CANBAZ, Neslihan LOK, Sefa LOK
Systems Medicine of Mitochondrial Parkinson’s Disease. Ronan M.T. Fleming
The Flammer Syndrome, a potential risk factor for central serous chorioretinopathy? Tatjana Josifova

Poster Session

Transcranial Magnetic Stimulation and Cognitive Behavioral Therapy. Kneginja Richter, Lukas Peter, Jens Acker, Joachim Höfig, Lence Miloseva, Günter Niklewski
POLYMORPHISM IN IL7RA GENE IN ASSOCIATION WITH MUTIPLE SCLEROSIS IN SLOVAK POPULATION. Dusan Dobrota, Daniel Čierny, Jozef Michalik, Jan Lehotsky
Profiling the Genetic Variants responsible for Hereditary Ataxia in a Maltese Family. Mark Briffa
**Friday, September 15th**

2pm – 6pm: Two keynote speeches: David Harrison (Colorectal cancer) and Alejandra Bruna followed by the session PPPM in Cancer Chaired by Prof. Dr. G. Grech and Prof. Dr. A. Chioti

(15min per presentation)

**Application of Molecular Medicine towards personalised treatment in Oncology.** Godfrey Grech

**Dietary factors in breast cancer prevention.** N. Shapira, Israel

**Personalized medicine inonkology.** V. Simanek, O. Topolcan, J. Finek, M. Hora, V. Treksa, S. Svobodova, L. Pecen, J. Kinkorova, R. Kucera

**Novel Biomarkers predicting sensitivity to PP2A activators in Triple Negative Breast Cancer.** Christian Saliba, Shawn Baldacchino, Christian Scerri, Robert Gauci, Godfrey Grech

**Early variations of KRAS mutations in circulating cell-free tumor DNA: a promising biomarker to monitor chemotherapy resistance in pancreatic cancer.** E. Rofi, C. Vivaldi, M. Del Re, R. Danesi

**Unravelling the role of TRIB1 in colorectal cancer – a functional molecular pathology approach.** Romina Briffa, Inhwa Um, Peter Mullen, Paul Reynolds, David J Harrison, Godfrey Grech

**Role of microRNAs in diagnosis of lung cancers.** Erika Halasova, Martina Krutakova, Miroslava Sarlinova, Tatiana Matakova, Lukas Plank

**Monitoring of activating and resistance mutations in circulating cell-free tumor DNA of Non Small Cell Lung Cancer patients.** G. Restante, E. Rofi, M. Del Re, P. Bordi, M. Tiseo, R. Danesi

**Detection and Analysis of Circulating Tumour Cells in Small Cell Lung Cancer Utilizing a Flexible Rare Cell Scanning Platform.** Michael W Kilpatrick, Eric R Kershnar, Robert H Borgerding, Paul Robson, Sivakamisundari V.

**Can PHI Better Separate Gleason Score 6 Tumors and Facilitate Decision for Right Management for Patients with Prostate Cancer?** Ondřej Topolčan, Olga Dolejsova, Radka Fuchsova, Radek Kucera, Milan Hora, Hana Svobodova, Ondřej Hes, Viktor Eret, Ladislav Pecen

**Immune checkpoint inhibitors in the treatment of patients with glioblastoma multiforme - from preclinical research to early clinical results.** Jiri Polivka jr., Jiri Polivka, Milena Kralickova, Lubos Holubec

**Poster Session**

**Modulation of immune component of tumor microenvironment: perspectives for the personalized cancer therapy.** Julia Kzhyskhowska, Irina Mitrofanova, Tengfei Liu, Marina Zavyalova, Nikolai Litvyakov, Mikhail Buldakov, Nadezhda Cherdyntseva

**Biomarkers individual repair capacity to susceptibility in colorectal cancer.** Tatiana Matakova, Erika Halašova, Anton Dzian, Maria Skerenová and Dusan Dobrota

**Biobank in Pilsen and cancer research an example of Personalised medicine approach.** Kinkorová J., Topolčan O.
Saturday, September 16th


9:15am – 11:45am: PPPM Strategies in Healthcare

Chaired by Dr. V. Costigliola, Prof. Dr. Dianjun Sun and Dr. M. Kapalla

(10min per presentation)

Cooperation, Keynote for the future of Health Care. Elisabeth van der Gulik

Innovative Approaches to Overcoming Market Access Obstacles in Predictive, Preventive and Personalized Medicine (PPPM). Ilidar Akhmetov

Christian Doppler - Laboratory for personalized Medicine. Kurt Krapfenbauer and Olga Golubnitschaja

The influence of environmental factors and stress on human health and chronic diseases - PPPM lessons from Antarctica. Rostyslav V. Bubnov, Yevhen V. Moiseyenko, Mykola Ya Spivak, NASC of Ukraine

Extended Laboratory Medicine to provide Complex Health Assessment in the Context of PPPM. Marko Kapalla, Juraj Kubáň

Comprehensive and personalized imaging approach in emergency and in limited resources subsets. Francesca M. Trovato

The Introduction of Molecular Blood Transfusion in Malta. Antonella Giordmaina

Progress and challenges in control of Kashin–Beck disease: epidemiological trends in China. Kewei Wang and Dianjun Sun

Preventive assessment of risk factors among students during their education in the university. Maria Evsevyeva, Evgenij Shchetinin, Elena Italyantseva, Anjelika Rusidi

Prevalence and control of IDD in China. Dianjun Sun and Peng Liu

Tackling socioeconomic disparities to revitalize the Mediterranean diet, a priority challenge at a time of economic crisis. Licia Iacoviello, Marialaura Bonaccio, Giovanni de Gaetano

Challenges of screening plant extracts for therapeutic development - lessons learned from a case in practice. Frank Heemskerk

Poster Session

Communicative strategies for health awareness development in preventive medicine. Anna O. Stebletsova, Anna V. Karpova, Eugene V. Dorokhov

Sleep Quality and Stress-Resistance among Students with Regard to Their Additional Work. Maria Evsevyeva, Vladimir Baturin, Elena Mishchenko, Victoria Jenenko

Improvement of preventive examinations of young people in the context of assessment of vascular age. Maria Evsevyeva, Vladimir Koshel, Elena Fursova, Michail Eremin, Anjelika Rusidi

Saturday, September 16th
12am – 1:50pm: Innovative Technologies in PPPM
Chaired by Prof. Dr. Ch. Scerri and Prof. Dr. X. Zhan
(15min per presentation)

A Pilot Study on the Investigation of Tear Biomarkers as an Indicator of Human Health. Stephen Morton, Brian Crucian, Susan Steinberg, Suzanne Hagan, Bethany Tucker

Identification of Biomarkers of Ocular Surface Disease Using Impression Cytology. Suzanne Hagan, Boatemaa Omotayo, Katherine Oliver, Michael Doughty, Claire Walshe


The roles of proteomic and metabolomic variations in predictive, preventive, and personalized medicine. Xianquan Zhan, Ying Long, Miaolong Lu

Profiling IgG N-glycans as biomarkers of the ageing process. Wei Wang


Application of thermal imaging for personalized diagnosis of lipodystrophy. Joanna Bauer, Ewelina Dereń, Agnieszka Migasiewicz, Halina Podbielska

Poster Session

Personalized telecare in pregnancy by means of remote cardiotocography. Anna Skotny, Halina Podbielska


A New Opinion on Gastroduodenal Bleeding Prevention in Patients with Somatic Pathology. E. F. Cherednikov, A.V. Budnevsky, A.V. Popov, K.O. Fursov
Saturday, September 16th
2:30pm – 5:15pm: PPPM in Dentistry
Chaired by Prof. Dr. M. Mozaffari, Prof. Dr. M. Saag and Prof. Dr. A. Kunin
(15min per presentation)

Stem Cells and Tooth Regeneration; An Overview. Mahmood S. Mozaffari
Comparison of dental fear and anxiety in relation to dental health in Estonian and Vietnamese children. Jana Olak; Minh Son Nguyen; Thuy Trang Nguyen; Bui Bao Tien Nguyen; Mare Saag
Age-Specific Attitudes to Dental Health. Isaeva Elena, Sitkina Eugenia, Kudryavtseva Tatiana, Loboda Ekaterina
PATIENT-SPECIFIC PERIODONTOLOGY: REALIA AND PROSPECTS. Tachalov Vadim, Orekhova Ludmila, Isaeva Elena, Loboda Ekaterina
Electromagnetic influence on microstructural changes of dental filling materials for their physical and mechanical properties improvement. Natalia S. Moiseeva, Anatoly A. Kunin, Ruslan A. Shabanov, Nakhid T. Aliev
mRNA expression of RANKL and OPG in gingival tissue of patients with Periodontitis. Carlo Cafiero, University of Naples Federico II, Italy
The improvement of dental caries prevention effectiveness using therapeutic toothpastes. Anatoly A. Kunin, Natalia S. Moiseeva, L.E. Mekhantieva
The effectiveness of a personal approach to learning manual skills during dental hard tissues preparing. B.R. Shumilovich, V.V. Rostovtsev, A.V. Saneev, L.M. Adunts
Predictive of the development of dental caries in adolescents depending on the functional state of the masseter muscles. Yury A. Ippolitov, Mikhail E. Kovalenko, Ekaterina N. Bondareva, Natalia S. Moiseeva
Fundamental strategy and individual prevention of inflammatory periodontal diseases. Olga I. Oleinik, Andrey V. Sushchenko, Elena A. Alferova, Oksana P. Krasnikova
Prevention of the risk of complications in patients with cardiovascular diseases using anesthesia during an outpatient visit to the dentist. Anna V. Podoprigora, Olga A. Kumirova, Natalia S. Moiseeva, Alexandr S. Scherbinin

Poster Session

Dental caries prevention using the modulated red light (MRL). Svetlana N. Pankova, Olga A. Kumirova, Natalia S. Moiseeva, Olga A. Azarova
Prevention of cross infections in dental care facilities in different environments. Svetlana N. Pankova, Olga A. Azarova, Svetlana G. Shelkovichnunkova, E.A. Azarova
Orthopedic treatment of patients suffering from chronic oral mucosa diseases with removable prosthesis structures on the background of immunological correction. A.L. Solovyeva, E.A. Leshcheva, N.G. Mashkova, O.A. Kumirova
Dentaseptin for periodontal diseases prevention. A.N. Morozov, N.V. Chirkova, Zh.V. Vecherkina, E.A. Lescheva
Informativeness of epidemiological indicators as the basis of prevention effectiveness. Irina A. Belenova, Elena A. Andreeva, Inessa V. Koretskaya, Elena Yu. Caverina
Preventiveness of the cyto-bacterioscopic method investigation in the detection of periodontal diseases. Aleksandr Shcherbakov, V.V. Sudareva, I. Shcherbakova

The application of the Vector System with ozonized water for secondary prevention of inflammatory periodontal diseases. Anatoly A. Kunin, Kristina P. Kubyshkina


**Saturday, September 16**

5:30 – 6:30pm: Awarding ceremony (EPMA-YPS)

*Head of the Scientific Committee – Assoc. Prof. Dr. B. Baban, USA*
Sunday, September 17th

9:00 – 11:45am: PPPM in Diabetes and CVD

Chaired by Prof. Dr. W. Wang and Prof. Dr. Samuel Asamoah Sakyi

Keynote (25min)

The Promise of Whole Body Vibration to Curtail Inflammation Associated with Obesity/Type 2 Diabetes: Role of Myeloid to Lymphoid Skewing. Babak Baban, Jack Yu, Lin Yin, Aneeq Malik, Dorothea Rowe and Mahmood Mozaffari

(15min per presentation)

A multilevel integrative approach for the prediction of the development of metabolic syndrome. Estelle Pujos-Guillot, Julien Bertrand, Mathieu Rambeau, Mélanie Pétéra, Marion Brandolini, Antony Fernandes, Joanne Matta, Claire Lévy-Marchal, Sébastien Czernichow, Blandine Comte

Input of multidimensional phenotyping in the metabolic syndrome stratification. Estelle Pujos-Guillot, Stéphanie Monnerie, Etienne Thévenot, Christophe Junot, José Morais, Hélène Payette, Pierrette Gaudreau, Blandine Comte


Role of endothelial IkB kinase 2 in atherosclerosis. Marion Mussbacher, Manuel Salzmann, José Basilio, Mario Kuttke, Hans Volek, Bastian Hösel, Ulrike Resch, Alice Assinger, Johannes Schmid

Relationship between Single Nucleotide Polymorphism of NOTCH1 Gene Target Sequence and Congenital Heart Disease. Dong Li, Long Ji, Haifeng Hou, Kai Zhu, Qian Wang

Association of Obstructive Sleep Apnea with Hypertension: A Systematic Review and Meta-analysis. Haifeng Hou, Yange Zhao, Wenqing Yu, Hualei Dong, Xiaotong Xue, Jian Ding, Wijia Xing, Wei Wang

Quality of Life and Cold Extremities in Korea. Kwang-Ho Bae, Ki-Hyun Park, Su-Jung Kim, and Si-woo Lee

Poster Session

Predicting cardiovascular risk in diabetic patients – are we all on the same side? Ivica Smokovski and Tatjana Milenkovic

Homocysteine, risk factor for coronary artery disease in patients with type 2 diabetes mellitus. Marija Krsteva, Ksenija Bogoeva Kostovska, Katerina Tosheska Tajkovska, Irena Kostovska

Integrative selection of oral hygiene complex for pregnant women with diabetes mellitus and periodontal diseases. Orekhova Liudmila, Musaeva Ramilya, Aleksandrova Anna, Posokhova Eleonora

Cardiological aspects of preventive management of pregnant: assessment of central pressure. Maria Evsevyeva, Oksana Sergeeva, Irina Prokhnorenko-Kolomoytsev, Kirill Pavlov

Prevention of cardiovascular diseases in patients with somatoform dysfunction of the vegetative nervous system. E.Y. Esina, V.V. Lyutov, V.N. Tsigan, A.A. Zuykova

Nephrin - marker for early detection of hypertensive nephropathy. Irena Kostovska

The Importance of Routinely Reporting Non-HDL-Cholesterol by Clinical Laboratory

Katerina Tosheska-Trajkovska, Irena Kostovska and Gordana Bosilkova
The role of personalised nutritional support for patients with cerebral stroke. Safonicheva OG, Ovchinnikova MA, Achkasov EE. I.M. Sechenov First Moscow State Medical University, Moscow, Russian Federation.

Sunday, September 17th

12am – 1:00pm: Closing remarks