



# EPMA World Congress

*September 3rd - 5th 2015, Bonn, Germany*

The paradigm change from delayed interventional to Predictive, Preventive and Personalized Medicine (PPPM) is a global challenge of the 21st century in medicine. This is a new philosophy of advanced healthcare and the platform for more effective treatments tailored to the person that is considered as the "medicine of the future". EPMA World Congress is dedicated to all aspects of PPPM.

## Contributing Countries



Australia  
Austria  
Belgium  
Bulgaria  
China  
Croatia  
Cyprus  
Czech Republic  
Denmark  
Estonia  
Finland  
France  
Georgia  
Germany  
Greece &  
Hungary  
India  
Ireland  
Israel  
Italy  
Japan  
Lithuania

Luxembourg  
Macedonia, FYROM  
Malta  
Mexico  
Montenegro  
New Zealand  
Norway  
Poland  
Portugal  
Romania  
Russia  
Serbia  
Slovak Republic  
South Korea  
Spain  
Sweden  
Switzerland  
Taiwan, ROC  
The Netherlands  
Turkey  
Ukraine  
United Kingdom  
USA

## Programme

### Specialised Workshops

#### Travel Medicine

Chairman: V. Costigliola, Belgium

#### Education and Career Promotion of Young Professionals in PPPM: EPMA –YPS

Chairmen: S.Suchkov, Russia / O.Golubnitschaja, Germany

**Best presentations will be awarded.**

#### EPMA Bourse for PPPM Proposals in “Horizon 2020” and other Programmes: Professional Consultations and set-up of Partners

Chairmen: O. Golubnitschaja, Germany / F. Heemskerk, Belgium / V. Costigliola, Belgium

## Specialised Sessions

### Cardiovascular Diseases

Chairmen: H.-P. Brunner, The Netherlands / H. Iso, Japan

Speakers:

- H.-P. Brunner, The Netherlands: **PPPM in CVD - Overview**
- K. Richter et al., Germany / Macedonia: **Sleep apnea and sleep fragmentation contribute to brain aging.**
- G. Trovato, Italy: **Juvenile hypertension: the relevance of novel PPPM assessment of its determinants**
- M. Evseyeva, Russia: **Central aortic pressure and indexes of augmentation in young persons in view of risk factors**

### Cancer

Chairmen: D. Desiderio, USA / G. Grech, Malta

Speakers:

- G. Grech, Malta:
- S. Hagan, UK: **The healthcare burden of non-communicable diseases and Lower Income Countries**
- R. Danesi, Italy:
- X. Zhan, China: **Integrative omics data-based molecular networks for PPPM in pituitary adenomas**
- G. Vittadini, Italy:
- R. Bubnov, Ukraine: **Gender aspects in cancer. Gynecology (pre)cancers in PPPM.**
- J. Ionescu, Germany: **Metabolic hallmarks of cancer as targets for a personalized therapy**

### Diabetes

Chairmen: M.S. Mozaffari, USA / B. Baban, USA

Speakers:

- M.S. Mozaffari, USA: **PPPM in Diabetes - overview**
- B. Baban, USA:
- I. Volcek, USA / Russia: **Possibilities for personalized therapy of diabetes using *in vitro* screening of insulin and oral hypoglycemic agents**
- S. Bandemer, Germany: **Clustering of multidisciplinary services in diabetes care**
- **Contribution of the patient organisations**

### Rare diseases

Chairman: M. Özgüç, Turkey

Speakers:

- M. Özgüç, Turkey: **Rare Diseases – Integrative PPPM Approach as the Medicine of the Future**
- M. Özgüç, Turkey: **Rare Disease Biobanks For Personalized Medicine**
- M. Kohl, Germany: **Big Data in Personalized Medicine: Hype and Hope**
- S. Cirac, Germany:

## Dentistry

Chairmen: M.S. Mozaffari, USA / M. Saag, Estonia / A. Kunin, Russia

Speakers:

- O. Golubnitschaja, Germany: **Introduction**
- A. Kunin, N. Moiseeva. Voronezh N.N. Burdenko State Medical University, Department of Faculty Dentistry, Voronezh, Russia. **The 3P approach as the platform of the European Dentistry Department (DPPPD).**
- B. Baban, J. Liu, X. Qin, T. Wang, M. Mozaffari. Department of Oral Biology, College of Dental Medicine, Georgia Regents University, Augusta, Georgia. **The Role ofIDO in a Murine Model of Gingivitis: Predictive and Therapeutic Potentials.**
- Ü. Voog-Oras, O. Ivask, H. Nestal-Zibo, E. Leibur, P. Niibo, T. Jagomägi, M. Nguyen, Ch. Pruunsild, D. Piikov, M. Saag. University of Tartu, Tartu, Estonia. **Bone destruction and TMJ: prevention and treatment.**
- B. Shumilovich, Zh. Lipkind, Yu.Vorobieva, D. Kunin. Voronezh N.N. Burdenko State Medical University, Voronezh, Russia. **Use in composite procured to prevent violations of aesthetics (in vitro study).**
- N. Moiseeva, A. Kunin, D. Kunin. Voronezh N.N. Burdenko State Medical University, Department of Faculty Dentistry, Voronezh, Russia. **The new direction in caries prevention based on the ultrastructure of dental hard tissues and filling materials.**
- I. Mazur, O. Pavlenko. Shupyk National Medical Academy of Postgraduate Education, Kiev, Ukraine. **Prevention of bone disorders in periodontal treatment.**
- L. Orekhova, T. Kudryavtseva, E. Isaeva, V. Tachalov, E. Loboda. City Periodontal Centre “PAKS”, General and Clinical Psychology Department, Pavlov First Saint Petersburg State Medical University, Therapeutic Dentistry Department, Saint Petersburg, Russia. **Personality Profile Manifestations in Patient’s Attitude to Oral Care and Adherence to Doctor’s Prescriptions.**
- M. Mozaffari, J. Liu, R. Abdelsayed, X.-M. Shi, B. Baban. Department of Oral Biology, College of Dental Medicine, Georgia Regents University, Augusta, Georgia. **The Status of Glucocorticoid-Induced Leucine Zipper Protein in salivary Gland in Sjögren’s Syndrome: Predictive and Personalized Treatment Potentials.**
- A. Isamulaeva<sup>1</sup>, A. Kunin<sup>2</sup>, S. Magomedov<sup>1</sup>, A. Isamulaeva<sup>1</sup>, <sup>1</sup>Astrakhan State Medical University, Astrakhan and <sup>2</sup>Voronezh N.N. Burdenko State Medical University, Voronezh, Russia. **Influence of genetic polymorphism as a predictor of the development of periodontal disease in patients with gastric ulcer and 12 duodenal ulcer.**
- C. Haytac<sup>1</sup>, F. Salimli<sup>1</sup>, S. Yoksul<sup>1</sup>, A. Kunin<sup>2</sup>, N. Moiseeva<sup>2</sup>, <sup>1</sup>Cukurova University, Faculty of Dentistry, Adana, Turkey and <sup>2</sup>Voronezh N.N. Burdenko State Medical University, Voronezh, Russia. **The correlation of dietary habits with gingival problems during menstruation.**
- A. Morozov, I. Koretskaya, S. Shelkovnikova, N. Moiseeva, D. Kunin. Voronezh N.N. Burdenko State Medical University, Voronezh, Russia. **Hypersensitivity of teeth – new aspects of prevention.**
- Yu. Ippolitov, N. Moiseeva, D. Kunin, I. Belenova. Voronezh N.N. Burdenko State Medical University, Voronezh, Russia. **Efficiency assessment of initial caries prevention by X-ray Spectral Analysis.**
- N. Moiseeva, Yu. Ippolitov, D. Kunin, T. Popova, I. Pshenichnikov, N. Chirkova. Voronezh N.N. Burdenko State Medical University, Voronezh, Russia. **The use of led radiation in prevention of dental diseases.**

## Traditional, Complementary and Alternative Medicine

Chairmen: P. Roberti di Sarsina, Italy / W. Wang, China, Australia

Speakers:

- W. Wang, China, Australia: **Sub-optimal health management: synergic PPPM-TCAM approach**
- B. Baban, USA / Canada: **Medical Cannabinoids - Overview**

## **Sport, Body Culture and Physical Activity**

Chairmen: R. Bubnov, Ukraine / H. Podbielska, Poland

Speakers:

- R. Bubnov, Ukraine: **PPPM in Sport, Body Culture and Physical Activity - Overview**
- J. Novak, Czech Republic: **Maximal aerobic capacity - important quality marker of health**
- A. Solis Herrera, Mexico: **The common energy levels of Prof. Szent-Györgyi, the intrinsic chemistry of melanin, and the muscle physiopathology. Implications in the context of Preventive, Predictive, and Personalized Medicine**

## **Information Communication Technology**

Chairmen: H.U. Lemke, Germany / M. Legg, Australia

Speakers:

- L. Berliner, USA and H.U. Lemke: **An Information Technology Framework for PPPM – A Use-Case with Hepatocellular Carcinoma**
- M. Legg, Australia: **ICT innovation in PPPM – concepts and approaches**
- H.-P. Brunner and ICT-Consortium: J. Verdu, Spain, G. Gutierrez Rubio, Spain, Dona Green, USA
- Golubnitschaja and ICT-Consortium: U. Gembruch, Germany, I. Dontas, Greece, J.J. Erwich, The Netherlands, S. Rüping, Germany, M. Ondrusek, Slovakia, M. Pleva, Slovakia

## **Innovative Technologies**

Chairmen: K. Krapfenbauer, Austria / X. Zhan, China

Speakers:

- A. Weinhäusel, Austria: **Innovative technologies - overview**
- G. Tsangaris, Greece: **Biomarker patterns - \*omics approach**
- J. Coelho, Portugal: **Innovative drug delivery systems**
- A. Migasiewicz, M. Pelleter, J. Bauer, E. Deren, H. Podbielska, Poland: **Influence of the skin imperfection on the personal quality of life and possible tools for objective diagnosis**
- J. Bauer, E. Boerner, H. Podbielska: **Towards personalized physiotherapeutic approach**
- L. Einhorn, Austria: **Recombinant species-specific FcεRI alpha proteins for diagnosis of IgE-mediated allergies in dogs, cats and horses**
- S. Hagan, UK: **Tear fluids biomarkers**
- I. Volcek, USA / Russia: **The innovative technology for personalized therapy of human diseases based on *in vitro* drug screening**

## **Laboratory Medicine**

Chairmen: M. Kapalla, Slovakia / E. Theodorsson, Sweden

Speakers:

- E. Theodorsson, Sweden
- M. Kapalla, Slovakia
- Wytze P. Oosterhuis, Sweden
- Ch. Cobbaert, The Netherlands
- M. Pazzagli, Italy