

## 5th EPPM SCHEDULE

Thursday, November 7<sup>th</sup> 2013

- 12:00-12:30** **OPENING CEREMONY**
- 12:30-14:10** **SESSION 1**  
**OVERVIEW OF PDT**
- 12:30-12:50** Photodynamic diagnostics and therapy in Bytom, Poland  
*Aleksander Sieroń*
- 12:50-13:10** The boosting power of photodynamic therapy (PDT) in combination with nanotechnology or radio frequency electromagnetic fields (RF-EMF)  
*Heinrich Walt*
- 13:10-13:30** Photodynamic inactivation of microbial pathogens: applications for the treatment of microbial infections and the prevention of water-borne diseases  
*Giulio Jori*
- 13:30-13:50** Photodynamic diagnosis and therapy; indication for neurosurgery: a review  
*Hervig Kostron*
- 13:50-14:10** Review of PDT in Thoracic Oncology  
*Keyvan Moghissi*
- 14:15-15:30** **Coffee break (lunch on its own)**
- 15:30-18:00** **SESSION 2**  
**ANTIMICROBIAL PDT (Chairman: G. Jori, T. Sarna, K. Berg, P. Ziółkowski)**
- 15:30-15:50** Clinical antimicrobial PDT  
*Tim Maisch*
- 15:50-16:10** Nanomaterials in photodynamic therapy and for enhanced antimicrobial photodynamic activity  
*Halina Podbielska*
- 16:10-16:30** Role of singlet oxygen and free radicals in antibacterial photodynamic therapy.  
*Tadeusz Sarna*
- 16:30-17:00** **FREE COMMUNICATIONS**
- 16:30-16:40** Influence of photodynamic therapy on secretion of selected growth factors secreted by colon carcinoma cells in hypoxic microenvironment  
*K. Wawrzyniec, A. Kawczyk-Krupka, Z. Czuba, A. Mertas, B. Flak, P. Oleś, J. Kiełtucki, W. Król, A. Sieroń - Bytom, Staszow, Poland*
- 16:40-16:50** Novel bacteriochlorins for photodynamic therapy: from concept to clinical trials  
*Janusz Dąbrowski, Martyna Krzykawska, Luis Arnaut, Krystyna Urbanska, Grazyna Stochel - Krakow, Poland, Coimbra, Portugal*
- 16:50-17:00** Discussion
- 20:00** **Regional dinner**

## 5th EPPM SCHEDULE

Friday, November 8<sup>th</sup> 2013

- 08:30-11:00** **SESSION 3**  
**BASIC PDT (Chairman: H. Walt, A. Ratuszna, H. Podbielska, G. Gasser)**
- 08:30-08:50** Basic research on PDT in Poland a new photosensitizers for the pdt applications – the physical and biological studies on the example of the Silesian group  
*Alicja Ratuszna*
- 08:50-09:10** The role of chosen regulatory proteins in the mechanism of photodynamic therapy  
*Piotr Ziółkowski*
- 09:10-09:30** Latest developments in Photochemical Internalization (PCI)  
*Kristian Berg*
- 09:30-09:50** Metal complexes in photodynamic therapy  
*Gilles Gasser*
- 09:50-11:00** **FREE COMMUNICATIONS**
- 09:50-10:00** Lifelong suffering from PDT-like adverse effects – the genetic disease erythropoietic protoporphyria (EPP)  
*Jasmin Barman-Aksözen, Emina Besic Gyenge, Rocco Falchetto, Xiaoye Schneider-Yin, Elisabeth I. Minder - Zurich, Switzerland*
- 10:00-10:10** Novel Cages for Two-Photon Induced Uncaging: Tools for Chemical Biology and Beyond  
*Philipp Anstaett, Klemens Koziol, Peter Hamm, Gilles Gasser - Zurich, Switzerland*
- 10:10-10:20** Visible light induced annihilation of tumour cells using novel tetraplatinated porphyrin conjugates for Photodynamic Therapy (PDT)  
*Anu Naik, Riccardo Rubbiani, Gilles Gasser, Bernhard Spingler - Zurich, Switzerland*
- 10:20-10:30** The use of Rhenium complexes as Photosensitizers in PDT  
*Vanessa Pierroz, Anna Leonidova, Riccardo Rubbiani, Jakob Heier, Stefano Ferrari, Gilles Gasser - Zurich, Dübendorf, Switzerland*
- 10:30-10:40** Novel DNA Intercalating Ru(II) Complexes as Potent Phototoxic Agents  
*Cristina Mari, Vanessa Pierroz, Riccardo Rubbiani, Malay Patra, Stefano Ferrari, Gilles Gasser - Zurich, Switzerland*
- 10:40-10:50** Discussion
- 11:00-11:30** **Morning coffee break**
- 11:30-13:00** **SESSION 4**  
**CLINICAL (Chairman: H. Kostron, S. Ejlamel, S.G. Bown, P. Mlkvy, W. Latos)**
- 11:30-11:50** PDT- treating the untreatable  
*Ernest Allan*
- 11:50-12:10** What's new in Head and Neck PDT  
*Collin Hopper*
- 12:10-12:30** PDT for pancreatic and biliary carcinomas - review  
*Stephen G. Bown*
- 12:30-13:00** **FREE COMMUNICATIONS**
- 12:30-12:40** Clinical Usefulness of Topical Application of 5-Aminolevulinic Acid for Photodynamic Diagnosis of Cavum Oris Diseases  
*Anna Dojs, Alfreda Graczyk, Krystyna Opalko, Michał Dojs - Gorzow Wielkopolski, Poland*
- 12:40-12:50** Oncological photodynamic therapy - clinical applications in China  
*Zheng Huang - CO USA, Fuzhou, China*
- 12:50-13:00** Discussion
- 13:00-14:00** **Lunch**

## 5th EPPM SCHEDULE

### Friday, November 8<sup>th</sup> 2013 - cont.

- 14:00-15:30** **SESSION 5**  
**CLINICAL (Chairman: K. Moghissi, W. Latos, A. Kawczyk-Krupka)**
- 14:00-14:20** Photodynamic therapy for locally advanced and metastatic lung cancer: Saint-Petersburg experience  
*Andrey Akopov*
- 14:20-14:40** Photodynamic Therapy in Oncology  
*Zheng Huang (on behalf of Ron Allison)*
- 14:40-15:00** Non-invasive Delineation of NMSC-Tumors and Control of PDT Results by OCT (Optical Coherence Tomography)  
*Carsten M. Philipp*
- 15:00-15:30** **FREE COMMUNICATIONS**
- 15:00-15:10** Novels in Image processing during autofluorescence bronchoscopy. How to improve quality of images and see more in real-time?  
*Kwiatek S., Kawczyk-Krupka A., Latos W., Stanek A., Flak B., Markiel M., Oleś P., Sieroń A.*  
- Bytom, Poland
- 15:10-15:20** Recent progress of ALA-PDT in China  
*Xiuli Wang and Hongwei Wang - Shanghai, P. R. China*
- 15:20-15:30** Discussion
- 15:30-16:00** Afternoon coffee break
- 16:00-17:30** **EPPM members meeting**
- 20:00** Banquet

### Saturday, November 9<sup>th</sup> 2013

- 08:30-10:30** **SESSION 6**  
**CLINICAL (Chairman: A. Sieroń, A. Kawczyk-Krupka, A. Stanek, P. Ziółkowski)**
- 08:30-08:50** Vascular targeted PDT  
*Aleksandra Kawczyk-Krupka*
- 08:50-09:10** The role of fluorescence diagnosis in gastrointestinal diseases  
*Wojciech Latos*
- 09:10-09:30** Ablative therapy of early stage of GI cancers  
*Peter Mlkvy*
- 09:30-09:50** Photodynamic applications in the nervous system, an up date?  
*Sam Ejlamel*
- 09:50-11:00** **FREE COMMUNICATIONS**
- 09:50-10:00** The influence of photodynamic therapy on secretion of selected angiogenesis factors (VEGF) and adhesive molecules (ICAM-1, VCAM-1) secreted by colon cancer cell lines in hypoxic environment".  
*B. Flak, A. Kawczyk-Krupka, Z. Czuba, A. Mertas, S. Kwiatek, P. Jończyk, W. Król, A. Sieroń*  
- Bytom, Poland
- 10:00-10:10** The influence of photodynamic therapy on secretion of selected progression factors secreted by colon carcinoma cells in hypoxic microenvironment  
*P. Oleś, A. Kawczyk-Krupka, Z. Czuba, A. Mertas, B. Flak, M. Potempa, K. Wawrzyniec, E. Szliszka, W. Król, A. Sieroń - Bytom, Poland*
- 10:10-10:30** Discussion
- 10:30-11:00** Morning coffee break
- 11:00-12:45** **Round Table Session**
- 13:00-14:00** Lunch