

## Wednesday 19<sup>th</sup> September

### Opening

**8:30 – 9:00** Introduction remarks  
**Ronald Sroka**

### Session 1    **Photosensitizers**    **Mathias Senge, Tayyaba Hasan**

**9:00 – 9:30** Update on Photosensitizers and targeted PDT: is it all in the packaging and the use of nanotechnology, or are new small molecules still needed?

**OS-01-01** **Tayyaba Hasan**  
*Wellman Center for Photomedicine, Harvard University and MIT, USA*

**9:30 – 9:45** Development of new photosensitizers for the photodynamic inactivation of bacteria

**OS-01-02** **Arno Wiehe, C. S. Gutsche, B. F. Hohlfeld, S. Gräfe, B. Gitter, K. J. Flanagan, M. Senge, N. Kulak**  
*Freie Universität Berlin, DEU/biolitec research GmbH, DEU*

**9:45 – 10:00** Nanos from phthalos: Designing, improving and looking forward

**OS-01-03** **Fabienne Dumoulin**  
*Gebze Technical University, TUR*

**10:00 – 10:15** Solubilization of Challenging Small Molecule Drugs by Peptide-Polymer Conjugates

**OS-01-04** **Dario Remmler, H. G. Börner**  
*Humboldt-Universität zu Berlin, DEU*

**10:15 – 10:45** **Break**

### Session 2    **Targeted PDT**    **Céline Frochot**

**10:45 – 11:00** Polyamines as targeting agents for photosensitizers in photodynamic therapy of cancers

**OS-02-01** **Vincet Sol**  
*University of Limoges, Laboratory PEIRENE EA 7500, Limoges, FRA*

**11:00 – 11:15** Targeted Photodynamic Therapy with Metal-based Photosensitizers

**OS-02-03** **Gilles Gasser**  
*Chimie ParisTech, PSL University, FRA*

**11:15 – 11:30** Peptide targeting of photosensitizers for PDT and drug delivery

**OS-02-04** **Ian Eggleston**  
*University of Bath, Bath, GBR*

### Session 3.1    **Combinations in PD or PDT 1**    **Angelika Rück**

**11:30 – 12:00** X-ray – PDT - PD combinations

**OS-03-01** **Brian Pogue**  
*Dartmouth College, Thayer School of Engineering, USA*

**12:00 – 12:15** Singlet oxygen detection in PDT

**OS-03-02** **Santi Nonell, R. Bresolí-Obach**  
*Universitat Ramon Llull, ESP*

**12:15 – 12:30** Phosphorescent photosensitizers to follow up PDT response by FLIM and PLIM

**OS-03-03** **Angelika Rück, J. Brey Mayer, K. Reess, S. Kalinina**  
*University of Ulm, DEU*

**12:30 – 12:45** The application of optical coherence tomography angiography in vascular targeted photodynamic therapy

**OS-03-04** **Haixia Qiu, Y. Gu**  
*Chinese PLA General Hospital, CHN*

**12:45 – 13:00** Enhancing the efficacy of gene-directed enzyme prodrug therapy by photochemical internalization

**OS-03-05** **Henry Hirschberg, K. Berg**  
*University of California, USA*

## Photodynamic Therapy & Photodiagnosis Update 2018

13:00 – 14:00	Lunch / Lunch Boxes
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<b>Company Pitches</b>	<b>Ronald Sroka, Herbert Stepp</b>
14:00 – 14:30	Max. 2-3 minutes each

<b>Session 3.2</b>	<b>Combinations in PD or PDT 2</b>	<b>Brian Pogue</b>
14:30 – 15:00	Light-controlled delivery of cancer immunotherapeutics	
OS-03-06	<b>Pal Selbo</b> <i>Oslo University Hospital, NOR</i>	
15:00 – 15:15	Mechanisms of hypericin-induced immunity: chronology of investigations	
OS-03-07	<b>Barbara Krammer</b> , T. Verwanger, R. Sanovic, D. Rauch, P. Cantonati, J. Stump, E. Obregón-Castrillo, N. Maeding <i>University of Salzburg, AUT</i>	
15:15 – 15:30	Tumor Oxygenation and Blood Flow: Tracking and Tweaking for More Efficacious PDT	
OS-03-08	<b>Theresa Busch</b> , A. G. Yodh, Y.H. Ong <i>University of Pennsylvania, USA</i>	
15:30 – 15:45	Bladder wall light dose distribution during Photodynamic Therapy	
OS-03-09	<b>Lothar Lilge</b> , G. Kulkani, A. Manalac, J. Cassidy, W. Embree, A. Mandel, V. Betz, M. Jewett <i>University of Toronto, CAN</i>	

15:45 – 16:15	Break
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<b>Session 4.1</b>	<b>PDT World 1</b>	<b>Ying Gu</b>
16:15 – 16:30	Application and development of PDT in China	
OS-04-01	<b>Xiuli Wang</b> <i>Shanghai Skin Disease Hospital, Tongji University School of Medicine, CHN</i>	
16:30 – 16:45	The status of the Brazilian program of PDT for basal cell carcinoma	
OS-04-02	<b>Cristina Kurachi</b> , A.G. Salvio, V.S. Bagnato <i>University of São Paulo, BRA</i>	
16:45 – 17:00	Clinical application and perspectives of PDT in Russia	
OS-04-03	<b>Andrey Akopov &amp; Elena Filonenko</b> <i>Pavlov First State Medical University, RUS / P.A. Herzen Cancer Research Institute, RUS</i>	

<b>Conclusions Finding</b>	<b>Ronald Sroka, Herbert Stepp</b>
17:00 – 17:20	Session Chairs of the day

<b>Mountain Hut Herzogstand</b>	
17:30	Bus transfer to cable car, meet in front of the conference venue (Heimatbühne)
19:30 – 22:00	Dinner
≈22:00	Begin of return to cable car mountain station in groups of 15 persons
≈23:00	Return by busses to Kochel / Benediktbeuern