

**Program**  
**Symposium “Phospholipids in Pharmaceutical Research”**  
**Heidelberg, September 21 – September 22, 2015**

**Monday, September 21, 2015**

In the morning from 8.30 am on registration

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9.00 Address of welcome by Dr. Herbert Rebmann - Phospholipid Research Center

**SESSION: Parenteral Administration of Phospholipids:**  
**Chairman Dr. Frank Martin**

9.15 **Dr. Frank Schubert - Lipoid AG - Switzerland**  
“Phospholipids in Parenteral Emulsions”

9.45 **Prof. Dr. Thomas Andresen - Technical University Denmark**  
“Induction of cytokines by Toll-like receptor signaling using engineered liposomes“

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10.15 Coffee break with poster session

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11.00 **Prof. Dr. Yuhong Xu - Shanghai Jiao Tong University - China**  
“Probing the factors affecting liposomal drug distribution after i.v. administration”

11.30 **Dr. Daryl Drummond - Merrimack Pharmaceuticals, Inc. - USA**  
“Development and Clinical Translation of Lipid-based Nanotherapeutics”

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12.00 Lunch

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13.00 Poster session

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**SESSION: Parenteral Administration of Phospholipids:**  
**Chairman Professor Alfred Blume**

- 14.00 **Dr. Paola Luciani - ETH Zürich - Switzerland**  
“Liposomes: detecting, treating, detoxifying”
- 14.30 **Prof. Dr. Giuseppe de Rosa - University of Naples - Italy**  
“Self-assembling lipid-based nanoparticles for drug delivery: potentialities and issues”
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- 15.00 Coffee break with poster session
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- 16.00 **Prof. Dr. Yechezkel Barenholz - Hebrew University - Israel**  
“Relevant physicochemical and biophysical characteristics as the foundation of the development and approval of liposome based Nano-Drugs”
- 16.45 **Prof. Dr. Daan Crommelin - Utrecht University - The Netherlands**  
“Laudation Thudichum Award and Award Ceremony”
- 17.15 End of first day
- 18.15 Reception and Dinner at Castle of Heidelberg
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# Program

## Symposium “Phospholipids in Pharmaceutical Research”

### Heidelberg, September 21 – September 22, 2015

Tuesday, September 22, 2015

**SESSION: Oral Administration of Phospholipids:**  
**Chairman Professor Gert Fricker**

- 9.00 **Prof. Dr. Anette Müllertz - University Copenhagen – Denmark**  
“Is there an advantage of incorporating lyso-phospholipids into self-nanoemulsifying drug delivery systems?”
- 9.30 **Prof. Dr. Martin Kuentz - University of Applied Sciences Northwestern Switzerland**  
“Use of mono- and diacyl phosphatidylcholine in concentrated solid drug dispersions”
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- 10.00 Coffee break with poster session
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- 10.45 **Prof. Dr. Annette Bauer Brandl - University Southern Denmark**  
“Solid Phospholipid Nanoparticles (SPLN) – a formulation concept for enhanced oral absorption of poorly soluble drugs”
- 11.15 **Prof. Dr. Rolf Schubert - University Freiburg i.Br. - Germany**  
"Enhancing the oral bioavailability of drugs: selected phospholipids as inhibitors of the intestinal P-glycoprotein"
- 11.45 **Prof. Dr. Gert Fricker - University Heidelberg - Germany**  
“Oral peptide delivery by use of tetraetherlipids”
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- 12.15 Lunch-Poster session
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**SESSION: Topical Administration of Phospholipids**

**Chairman Prof. Christel Müller-Goymann**

- 13.15 **Dr. Jan Holmbäck - Lipidor AB - Sweden**  
"AKVANO – a novel lipid layer forming dosage form"
- 13.45 **Prof. Dr. Claudia Valenta - University Vienna - Austria**  
"Monoacylphosphatidylcholine based microemulsions and skin delivery"
- 14.15 **Dr. Regina Scherließ – University Kiel - Germany**  
"(Lipid) Particle engineering for pulmonary delivery"
- 14.45 **Dr. Igor Gonda - Aradigm Corporation - USA**  
"Development of inhaled liposomal formulations (Pulmaquin® and Lipoquin®) for the prevention and treatment of severe respiratory infections"
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**YOUNG SESSION**

**Chairman Prof. Christel Müller-Goymann**

- 15.15 "The authors of six of the best poster will be invited to give a 10 min (max) seminar"
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- 16.15 Coffee break with poster session
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- 16.45 Award Ceremony Best Poster
- 17.00 Concluding Remarks: PD Dr. Peter van Hoogevest - Phospholipid Research Center
- 17.15 End of Symposium
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