

Program
Fifth International Symposium
on
“Phospholipids in Pharmaceutical Research”
Heidelberg, September 18 – September 19, 2017

Monday, September 18, 2015

From 8.30 am on registration

9.00 Address of welcome by Prof. Dr. Alfred Blume and PD Dr. P. van Hoogevest
Phospholipid Research Center

SESSION: Introduction to Phospholipids:
Chairman Dr. Frank Martin

9.10 **PD Dr. Peter van Hoogevest - Phospholipid Research Center - Germany**
“Phospholipids : Properties, manufacturing and use”

9.30 **Dr. Ralf-Olaf Quinkert - Lipoid GmbH - Germany**
“Phospholipids: Analytics”

9.50 **Prof. Dr. Alfred Fahr – University Jena**
“Special colloidal structures with phospholipids: Cochleates“

10.15 Coffee break with poster session

SESSION: Industrial Use of Phospholipids:
Chairman Prof. Alfred Blume

11.00 **Dr. Bart Metselaar - University Twente - The Netherlands**
“Assessment and better prediction of acute hypersensitivity and complement involvement upon administering liposomal drug products to human subjects”

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

12.00 **Dr. Jürgen Schmitt - B. Braun Melsungen AG - Germany**
“Phospholipids and Intravenous Lipid Emulsions (IVLE) - an industrial view”

12.30 Lunch



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13.30 Poster session

SESSION: Parenteral Administration of Phospholipids:

Chairman Dr. Ralf-Olaf Quinkert

14:00 **Prof. Dr. Jean-Christophe Leroux - ETH Zurich - Switzerland**
“Detoxification using parenteral lipid formulations”

14:45 **Prof. Dr. Karsten Mäder - University Halle (Saale) - Germany**
“Phosphatidylserine enriched phospholipids as anti-inflammatory agents“

15.15 Coffee break with poster session

16.15 **Thudichum Award Ceremony**

Dr. Herbert Rebmann - Phospholipid Research Center - Germany

“Johann Ludwig Wilhelm Thudichum : a pioneer in phospholipid biochemistry ”

Thudichum Award for Outstanding Publications

Lecture of Award Winner

Thudichum Life Award

17.00 End of first day

17.45 Reception and dinner during river tour at the Neckar, Heidelberg

Tuesday, September 19, 2017

SESSION: Oral Administration of Phospholipids:
Chairman PD Dr. Peter van Hoogevest

- 9.00 **Dr. Martin Körber- FU Berlin - Germany**
"Use of phospholipids as extended release matrices"
- 9.30 **Prof. Dr. Anette Müllertz - University Copenhagen - Denmark**
"Elucidating the use of monoacyl-phospholipids in oral self-nanoemulsifying drug delivery systems"
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- 10.00 Coffee break with poster session
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- 11.00 **Prof. Dr. Jörg Huwyler - University Basel - Switzerland**
"A phospholipid -functionalized calcium carbonate based drug delivery system to improve the bioavailability of poorly water soluble drugs"
- 11:30 **Prof. Dr. Yvonne Perrie - University of Strathclyde, Glasgow - UK**
"Exploiting lipid based delivery systems to address the challenge of oral vaccination"
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- 12.00 Lunch - Poster session
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SESSION: Mechanism of Action of Phospholipids:

Chairman PD Dr. Peter van Hoogevest

- 13.15 **PD Dr. Andreas Koeberle - University Jena - Germany**
"Inhibition of Akt by polyunsaturated phosphatidylcholine – a novel approach for anti-cancer therapy"
- 13.45 **Dr. Jai Prakash - University Twente - The Netherlands**
"Design of liposomes to target tumor-associated M2 macrophages"
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- 14.15 **Special Seminar: Prof. Dr. Frédéric Frézard - Universidade Federal de Minas Gerais - Belo Horizonte - Brazil**
"Pharmaceutical phospholipid research in Brazil: current status and perspectives"
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YOUNG SESSION

Chairman Prof. Dr. Christel Müller-Goymann

- 15.00 The authors of six of the best posters will be invited to give a 10 min (max) seminar
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- 16.00 Coffee break with poster session
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- 16.20 Award Ceremony for Best 3 Posters
- 16.30 Concluding Remarks: PD Dr. Peter van Hoogevest - Phospholipid Research Center
- 16.35 End of Symposium
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