**8th Retrometabolism Based Drug Design and Targeting Conference**

**CONFERENCE PROGRAM FOR THURSDAY, JUNE 2ND, 2011**

7:30 – 8:30 a.m. **CONFERENCE REGISTRATION**
Assembly Hall, University of Graz

8:00 – 8:30 a.m. **POSTER SET-UP**
Front of Assembly Hall, University of Graz

8:30 a.m. – 12:30 p.m. **SCIENTIFIC SESSION: ORAL PRESENTATIONS I & II**
Assembly Hall, University of Graz

8:30 a.m.  Welcome, Introduction, and Brief Recent Advances Review by Prof. Nicholas Bodor, Chair, Conference Executive Organizing Committee and Chair, International Advisory Board

8:45 - 9:15 a.m. **Targeted Delivery of Nucleic Acid Using an Ultrasound-Responsive and Mannose-Modified Lipoplexes.** Shigeru Kawakami and Mitsuru Hashida; Department of Drug Delivery Research, Graduate School of Pharmaceutical Sciences and Institute for Integrated Cell-Material Sciences (iCeMS), Kyoto University, Japan.

9:15 - 9:45 a.m. **Small Molecule Protein–Protein Interaction Inhibition: Blocking the CD40–CD154 Costimulatory Interaction.** Peter Buchwald, Emilio Margolles-Clark, Lakshmi Ganesan, Yun Song, Norma Kenyon, and Camillo Ricordi; Diabetes Research Institute and Department of Molecular and Cellular Pharmacology, University of Miami, Florida, USA.

9:45 - 10:15 a.m. **Characterization of Intestinal Absorption of Quinidine, a P-Glycoprotein Substrate, in Rats.** Teruo Murakami, Haruka Iwamoto, Tomoharu Yokooji, Nobuhiro Mori; Faculty of Pharmaceutical Sciences, Hiroshima International University, Japan.

10:15 - 10:45 a.m. **How to Support Prodrug Design by Nanoformulation.** Ferenc Darvas, Hristos Glavinas, Gábor Heltovics, and Genovéva Filipcsei; NanGenex Inc.,
Budapest, Hungary, Florida International University, Miami, FL, USA, and NanoForm Plc, Cambridge, UK.

10:45 - 11:00 a.m.  Coffee break

11:00 - 11:30 a.m.  **Development of Novel Transdermal Drug Delivery System of Lipoic Acid Using Liquid Crystal Vehicle and Its Pharmacological Effect.** Yuji Yamashita, Teruaki Nagasawa, Yoshiki Kubota, Mina Musashi, Hiroyuki Suzuki, Tomonori Yokoyama, Yoko Yamaguchi; Institute of Medical Science, St. Marianna University, School of Medicine and NANOEGG® Research Laboratories, Inc., Japan.

11:30 - 12:00 p.m.  **Drug Permeation through Biological Membranes: The Unstirred Water Layer.** Thorsteinn Loftsson; Faculty of Pharmaceutical Sciences, University of Iceland, Reykjavik, Iceland.

12:00 - 12:30 p.m.  **Distribution of Carboxylesterase in Rat Skin and Its Effect on Cutaneous Absorption of Fexofenadine Prodrug.** Teruko Imai, Satomi Ariyoshi, Katsumi Tasaka, Kayoko Ohura; Graduate School of Pharmaceutical Sciences, Kumamoto University, Japan.

**12:30 – 2:15 p.m.  LUNCH BREAK**

**2:15 – 4:00 p.m.  SCIENTIFIC SESSION: ORAL PRESENTATIONS III**

Assembly Hall, University of Graz

2:00 - 2:30 p.m.  **Clinical Pharmacokinetics of Meropenem and Biapenem in Bile, and Dosage Considerations Based on Site-Specific Pharmacodynamic Evaluation.** Kazuro Ikawa, Hartmut Derendorf, Akira Nakashima, Norifumi Morikawa, Kayo Ikeda, Yoshiaki Murakami, Hiroki Ohge, and Taijiro Sueda; Department of Clinical Pharmacotherapy and Department of Surgery, Hiroshima University, Japan.

2:30 - 3:00 p.m.  **Soft Drugs for Future Treatment of Chronic Obstructive Pulmonary Diseases.** Istvan Szelenyi; Institute for Experimental and Clinical Pharmacology and Toxicology, Friedrich-Alexander-University of Erlangen, Germany.

3:00 – 3:30 p.m.  **Albumin Fusion of Thioredoxin: Evaluation of Its Biological Activity for Potential Therapeutic Applications.** Masaki Otagiri and Toru Maruyama; Faculty of Pharmaceutical Sciences, Sojo University and Graduate School of Pharmaceutical Sciences, Kumamoto University, Japan.

3:30 – 4:00 p.m.  **Eng’s Principle in Pharmacokinetics.** Hartmut Derendorf; Department of Pharmaceutics, College of Pharmacy, University of Florida, Gainesville, USA.
4:00 – 5:00 p.m.  Scientific Session: Poster Presentations
Front of Assembly Hall, University of Graz

6:30 – 7:00 p.m.  Formal Cocktail Reception
Wiesler Hotel, Lobby or Wintergarten

7:00 – 9:00 p.m.  Formal Dinner Banquet
Wiesler Hotel, Salon Frühling

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