Division Events at EB2016

TCP Posters

Visit TCP related posters in the Poster Hall. Poster viewing is from 9:00 am – 4:00 pm daily. Poster presentations are from 12:30 pm – 2:30 pm daily.

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<th>Day</th>
<th>Poster Number</th>
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<td>Sunday</td>
<td>720</td>
<td>GI Pharmacology</td>
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<td>Monday</td>
<td>938</td>
<td>Pharmacology Tools</td>
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<td>Tuesday</td>
<td>1202</td>
<td>Immunology, Immunotherapy and Immunopathology</td>
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<td>Wednesday</td>
<td>1269</td>
<td>Diabetes I</td>
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<td></td>
<td>1270</td>
<td>Diabetes II</td>
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<td></td>
<td>LB</td>
<td>Pharmacogenomics and Translational Pharmacology</td>
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Early Career Faculty Travel Awards

Visit the posters of our Early Career Faculty awardees.

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<thead>
<tr>
<th>Date</th>
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<th>Title</th>
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<tr>
<td>Monday 4th</td>
<td>12:30 pm - 2:30 pm</td>
<td>A172</td>
<td>Distinct vascular effects of celecoxib and rofecoxib in vivo.</td>
<td>Emanuela Ricciotti, Inst. for Translational Medicine and Therapeutics, Univ. of Pennsylvania, Philadelphia</td>
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<td>Wednesday 5th</td>
<td>12:30 pm - 2:30 pm</td>
<td>W329</td>
<td>Novel Mechanisms Regulating Platelet &amp; Pancreatic beta-cell function in Type 2 diabetes.</td>
<td>Michelle E. Kimple, Medicine-Endocrinology Univ. of Wisconsin-Madison</td>
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TCP Programming

Sunday, April 3, 2016

Newly Recognized GPCRs in Health, Disease, and as Therapeutic Targets
Chairs: R. Corriden and P.A. Insel
9:30 am - 12:00 pm
Room 15A, San Diego Convention Center

- **GPCRs and the Druggable Genome**  
  Bryan Roth — Univ. of North Carolina-Chapel Hill Sch. Of Med.

- **Chemosensory GPCRs as Targets for Endogenous Ligands**  
  Jennifer Pluznick — Johns Hopkins Univ. Sch. of Med.

- **GPCRs as Regulators of Neutrophil Function**  
  Ross Corriden — Univ. of California, San Diego

- **Orphan GPCRs and Psychiatric Disorders: GPR88**  
  Brigitte Kieffer — McGill Univ.

- **The Extent of Vascular Remodeling is Dependent on the Balance Between ERα and GPER (GPR30)**  
  Robert Gros — Robarts Research Inst., Western Univ.

- **Identification of a First-In-Class Adhesion G protein-Coupled Receptor Orthosteric Antagonist**  
  Hannah Stoveken — Univ. of Rochester Med. Ctr.

**ASPET Student/Postdoc Poster Competition** (TCP winners announced at Monday’s Division Meeting)  
6:30 pm - 8:30 pm (Judges should report at 6:15 pm)  
Room 20BC, San Diego Convention Center

**ASPET Student & Postdoc Mixer**  
8:30 pm - 11:00 pm  
Center Terrace, San Diego Convention Center

**TCP Affiliated Event:**  
**The 4th Annual Business & Scientific Meeting of the Global GI Club**  
**Special Symposium of the Global GI Club & IUPHAR GI Section: The Brain-Gut Axis**  
Chairs: Ludmila Filaretova and Len Lichtenberger  
Global GI Club has invited presenters who are internationally known GI investigators.  
5:30 pm - 8:00 pm  
Santa Rosa Room, Marriott Marquis San Diego Marina

**Monday, April 4, 2016**

**Executive Committee Meeting** *By invitation only.*  
7:00 am - 8:15 am  
Rancho Santa Fe 1, Marriott Marquis San Diego Marina

**Pharmacometabolomics Enabling Tools for Systems Pharmacology and Precision Medicine**  
Chairs: R. Kaddurah-Daouk and R. Weinshilboum  
9:30 am - 12:00 pm  
Room 17A, San Diego Convention Center

- **Pharmacometabolomics Enabling Tools for and Systems Pharmacology and Precision Medicine**  
  Rima Kaddurah-Daouk — Duke Univ. Medical Ctr.

- **Pharmacometabolomics Informs and Compliments Pharmacogenomics**  
  Richard Weinshilboum — Mayo Clinic

- **Gut Microbiome and Host Metabolic Interactions—Implications for Drug Metabolism and Drug-Induced Toxicity**  
  Wei Jia — Univ. of Hawaii Cancer Ctr.

- **Integrating Multiple Omics Reveals Novel Signatures Associated with Thiazide Diuretics Blood Pressure Response**  
  Mohamed Shahin — Univ. of Florida
• **Stable Isotope Resolved Metabolomics (SIRM) on Fresh Human Tissues as a Preclinical Drug Testing Platform**
  Andrew N. Lane — Univ. of Kentucky College of Med.

**Young Investigator Awards Platform Session**
Chair: B. Green
3:00 pm - 5:30 pm
Room 17A, San Diego Convention Center

• **Introduction**
  Ben T. Green — USDA, ARS

• **Systems Pharmacology Approach to Identify Potential Therapeutic Small-Molecules for Treatment of Diabetic Peripheral Neuropathy**
  Brett McGregor — Univ. of North Dakota

• **Doxorubicin Acutely Inhibits Lymph Flow in Rat Mesenteric Lymph Vessels**
  Amanda J. Stolarz — Univ. of Arkansas for Medical Sciences

• **Preclinical Evaluation of Flt3 Ligand to Improve T Cell Adaptive Immune Response During Sepsis**
  Naeem K. Patil — Vanderbilt Univ. Medical Center

• **Microbiota-derived Metabolites Associated with Metabolic Improvements after Gastric Bypass Surgery and their Effects on Intestinal Cells in Vitro**
  Matthew L. Jennis — Janssen Pharmaceutica

**Novel Platelet Therapies: Attacking Them from the Inside and Out**
Chair: M.T. Nieman
3:00 pm - 5:30 pm
Room 16AB, San Diego Convention Center

• **The Neighborhood Matters: How Interactions Within the Membrane Influence Therapeutic Response**
  Marvin T. Nieman — Case Western Reserve Univ.

• **Characterization of Function Blocking Antibodies Targeting Platelets**
  Zubair Karim — Western Univ. of Health Sciences

• **Targeting G-protein Coupled Receptors from the Inside with Small Molecules**
  Robert Flaumenhaft — Beth Israel Deaconess Medical Ctr.

• **Platelet-Inspired Synthetic Hemostats: Mimicking Platelet Functions on Engineered Biomaterial Systems to Treat Bleeding**
  Anirban Sen Gupta — Case Western Reserve Univ.

• **Nanogel Drug Carriers Presenting Platelet GPIba Mimic and Enhance Platelet Adhesion**
  Jacob Myerson — Univ. of Pennsylvania

• **Loss of Serotonin Transporter Function Alters ADP-mediated αIIbβ3 Activation through Disregulation of 5HT2A Receptor**
  Kendra H. Oliver — Vanderbilt Univ.

**Early Career Faculty Showcase**
Chair: P. Hornby
5:30 - 6:00 pm
Room 17A, San Diego Convention Center

• **Structure-based ligand discovery for nutrient transporters.**
  Avner Schlessinger — Pharmacology and Systems Therapeutics, The Tisch Cancer Institute, Icahn Sch. of Med. at Mount Sinai, New York

• **Novel Mechanisms Regulating Platelet & Pancreatic beta-cell function in Type 2 diabetes.**
  Michelle E. Kimple — Medicine-Endocrinology Univ. of Wisconsin-Madison
Annual TCP Division Meeting
6:00 pm - 6:30 pm
Room 17A, San Diego Convention Center

TCP Joint Mixer
6:30 pm - 8:30 pm
Torrey Pines 1-2, Marriott Marquis San Diego Marina

Tuesday, April 5, 2016

Meet-the-Experts Lunch: Careers in Translational and Clinical Pharmacology
12:30 pm - 2:30 pm
Torrey Pines 2-3, Marriott Marquis San Diego Marina
Pre-registration required.

Wednesday, April 6, 2016

Drug Transporter Protein Quantification by LC-MS/MS for In Vitro to In Vivo Extrapolation (IVIVE) and Prediction of Interindividual Variability of Transporter Mediated Drug Disposition
Chairs: B. Prasad and Y. Lai
9:30 am – 12:00 pm
Room 16B, San Diego Convention Center

- **Blood-Brain Barrier (BBB) Pharmacoproteomics: Reconstruction of In Vivo Brain Drug Distribution in Mouse, Monkey and Diseased Models**
  Tetsuya Terasaki—Tohoku Univ.
- **Quantitative Proteomics for IVIVE of Transporter Mediated Drug Clearance**
  Yurong Lai — Bristol-Myers Squibb
- **QNo Escape from Models in Translating LCMS-Derived Abundance Values!**
  Amin Rostami — Univ. of Manchester
- **Effect of Ontogeny and Pharmacogenomics on Transporter Mediated Interindividual Variability in Drug Disposition**
  Bhagwat Prasad — Univ. of Washington, Seattle
- **Chronic Paroxetine Treatment in Mice Leads to Adiposity and Glucose Intolerance**
  Weibin Zha — Univ. of Washington