



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.

Sunday	720. GI Pharmacology
Monday	938. Pharmacology Tools
Tuesday	1202. Immunology, Immunotherapy and Immunopathology
Wednesday	1269. Diabetes I 1270. Diabetes II LB. Pharmacogenomics and Translational Pharmacology

Early Career Faculty Travel Awards

Visit the posters of our Early Career Faculty awardees.

Monday, April 4 th 12:30 pm - 2:30 pm	A172 <i>Distinct vascular effects of celecoxib and rofecoxib in vivo.</i> Emanuela Ricciotti, Inst. for Translational Medicine and Therapeutics, Univ. of Pennsylvania, Philadelphia
Wednesday April 5 th 12:30 pm - 2:30 pm	W329 <i>Novel Mechanisms Regulating Platelet & Pancreatic beta-cell function in Type 2 diabetes.</i> Michelle E. Kimple, Medicine-Endocrinology Univ. of Wisconsin-Madison LB-486 <i>Structure-based ligand discovery for nutrient transporters.</i> Avner Schlessinger, Pharmacology and Systems Therapeutics, The Tisch Cancer Institute, Icahn Sch. of Med. at Mount Sinai, New York

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 ER α and GPER (GPR30)**
Robert Gros — Roberts 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 GPIIb/IIIa Mimic and Enhance Platelet Adhesion***
Jacob Myerson — Univ. of Pennsylvania
- ***Loss of Serotonin Transporter Function Alters ADP-mediated α IIb β 3 Activation through Disregulation of 5HT_{2A} 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