

THE 27TH ANNUAL KSCHIRT SYMPOSIUM

You are cordially invited to join us for the 27th Annual Kentucky Spinal Cord and Head Injury Research Trust (KSCHIRT) Symposium. The KSCHIRT meeting is unique in that it features a variety of distinct, short sessions with the specific focus of these sessions often not directly related to spinal cord or head injury, but rather on new concepts at the forefront of molecular and systems biology of development, rehabilitation, and/or disease/injury. We encourage topics that encompass an array of different model systems from flies/worms to humans in an effort to bridge the gap between basic science and clinical research. We strive to not only highlight studies which may help direct or even transition into clinical experiments, but also apply information learned from the clinic in order to improve our basic science research. The program is attached below.

Special thanks to the University of Louisville planning committee: Scott R. Whittemore and Andrea L. Behrman (Symposium Co-Chairs), April Herrity, Michal Hetman, Dena Howland, David S.K. Magnuson, Teresa Pitts, Enrico Rejc, Sujata O. Saraswat, Beatrice Ugiliweneza, and Natalie Rogers.

The symposium will be held in-person and virtually May 18-19, 2022, at:

The Galt House Hotel
Waterfront Plaza
140 N Fourth St, Louisville, KY 40202

The symposium is FREE to both in-person and virtual attendees. **Registration is required.**

- All attendees must register using the attached registration form. Forward completed form to Natalie Rogers (naroge01@louisville.edu).
- Attendees will be sent the link for the virtual presentation upon registration.

In-person attendee registration includes breakfast, lunch (both days) and a reception immediately following the program on Wednesday, May 18, 2022.

Posters will be in-person presentations only. Submit your abstract to Mr. Jason Beare (jbear01@louisville.edu) by Monday, April 30, 2022 and please include separately, contact person, title, organization, department, address, phone number and email address. Abstract format: MS Word, Arial 11 pt, 250 words maximum. Posters are limited to 4' x 6' or smaller, require symposium registration, and will be posted from 8:00 AM May 18 until 1:00 PM May 19, 2022.

Hotel reservations: The Galt House Hotel. Symposium single rate is \$109.00/night plus tax. Call 502-589-5200. The deadline for a hotel reservation at the symposium rate is May 9, 2022.

27th KSCHIRT Symposium - Wednesday, May 18, 2022

Keynote Address

Hongkui Zeng – Allen Brain Institute

Session One: Regeneration Redux

D. Kacy Cullen, PhD – University of Pennsylvania
Valeria Cavalli, PhD – Washington University, St. Louis

Session Two: Capitalizing on Development and Experience-Dependent Plasticity

Karen Adolph, PhD – New York University | New York
Federico Canavase, MD, PhD – Lille University Center and Faculty of Medicine Henri Warembourg
Jeanne de Flandre Hospital |Dept. of Pediatric Orthopedic Surgery |Lille France
Kyle Brothers, MD, PhD – University of Louisville

Session Three: Hypoxia: The Good, Bad & Ugly

Hannelore Ehrenreich, MD, DVM - Max Planck Institute of Experimental Medicine, Gottingen, Germany
Randy D. Trumbower, PT, PhD – Harvard Medical School

27th KSCHIRT Symposium - Thursday, May 19, 2022

Session Four: Community-Centered Perspectives in SCI

Lisa Harvey, PhD and Physiotherapist - University of Sydney, Australia
Susan Robinson-Whelen, PhD – Baylor College of Medicine Houston
Jennifer French, MBA – Neurotech Network

Session Five: Emerging Topics in Neuroscience

This session will feature presentations from
University of Louisville KSCIRC, and University of Kentucky SCoBIRC trainees

Session Six: Neurobiology of Mental-Mood Disorders in CNS Trauma

Michelle Hook, PhD – Texas A&M University
Jennifer C. Felger, PhD, MS – Emory University

Session Seven: Neural Code Talkers

Michel Lemay PhD – Temple University
Russell Ray, PhD – Baylor College of Medicine Houston
