

Lester Wolfe Workshop in Laser Biomedicine

“Lighting up Life: a Tribute to Roger Y. Tsien”

Roger Yonchien Tsien (1952–2016) shared the Nobel Prize in Chemistry in 2008 for pioneering work in developing a “rainbow” suite of fluorescent probes based on the green fluorescent protein originally isolated from jellyfish. This memorial Lester Wolfe Workshop will celebrate his life and work with contributions from his former mentees, and forward-looking talks on applications to monitor neural circuits together with optogenetics and biosensors.

A guiding light: science inspired by my mentor, Roger Tsien

Alice Y. Ting, Ph.D., Professor, Department of Genetics, Biology & Chemistry, Stanford University

Trying to continue Roger’s work: reagents for monitoring neural circuits

Loren L. Looger, Ph.D., Group Leader, Howard Hughes Medical Institute Janelia Farm

Walking and watching your cells - optogenetics/biosensors to trace live cell circuitry

Klaus Hahn, Ph.D., Professor, Department of Pharmacology, University of North Carolina, Chapel Hill

Near-infrared fluorescent proteins and biosensors engineered from bacterial phytochromes

Vladislav Verkhusha, Ph.D., DHabil, Professor, Gruss-Lipper Biophotonics Center and Department of Anatomy and Structural Biology, Albert Einstein College of Medicine

Tuesday, May 2, 2017, 3:30-6:00 PM
Massachusetts General Hospital
Simches Research Building, 3rd Floor, Room 3110
185 Cambridge Street, Boston, MA

Refreshments served at 3:00 PM, Room 3110

Sponsored by the MIT Laser Biomedical Research Center, MIT, MGH Wellman Center for Photomedicine, and the Harvard-MIT Division of Health Sciences and Technology