

NEW TECHNOLOGIES IN BIOMEDICAL IMAGING

SATURDAY, SEPTEMBER 22ND, 2007

The fourth in an annual series of symposia sponsored by the Creighton University School of Medicine, featuring national and local speakers. These symposia are designed to bring the latest in modern optical, imaging and other biophysical techniques to Nebraska life scientists and students, and to highlight original research by Nebraska researchers.

The Symposium will run from 9.00 a.m. to about 3:15 p.m. Lunch will be available on-site.

Microscopy and other vendors will be present. Exhibits open at 8:00 a.m.

The I.B.I.F. multi-photon confocal microscope will be available for viewing after the symposium. Bring your own specimens!

Web site:

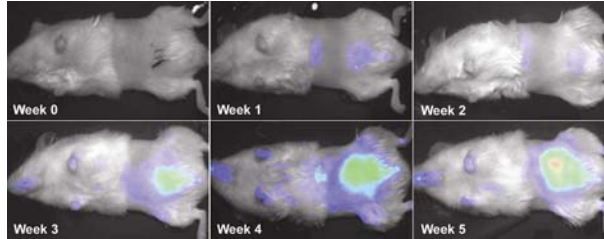
<http://biomedsci.creighton.edu/2007symposium>

Registration Information

Open to faculty and students from Nebraska and the region.

Pre-registration is free on-line. Register at the symposium web site or by email to the organizer.

On-site registration is \$5 for faculty and post-docs, free for students.



Speakers and Topics

DYNAMIC PROTEIN INTERACTIONS IN MAP KINASE SIGNALING REVEALED BY LIVE-CELL FLUORESCENCE FLUCTUATION SPECTROSCOPY AND IMAGING Rong Li, Stowers Institute for Medical Research, Kansas City

MONITORING CHANGES IN LIVE CELL METABOLISM USING FLUORESCENCE MICROSCOPY LeAnn Tiede, Department of Physics, Creighton University

NANOSCALE IMAGING IN LIVE CELLS: BREAKING THE DIFFRACTION BARRIER DYNAMICS Samuel Hess. Department of Physics and Astronomy and Institute for Molecular Biophysics, University of Maine

SECOND HARMONIC GENERATION IMAGING OF DISEASED STATES

Paul Campagnola, Center for Cell Analysis and Modeling, University of Connecticut Health Center

MICROGLIA ON THE MOVE: IMAGING GLIAL CELL DYNAMICS IN INJURED BRAIN TISSUES

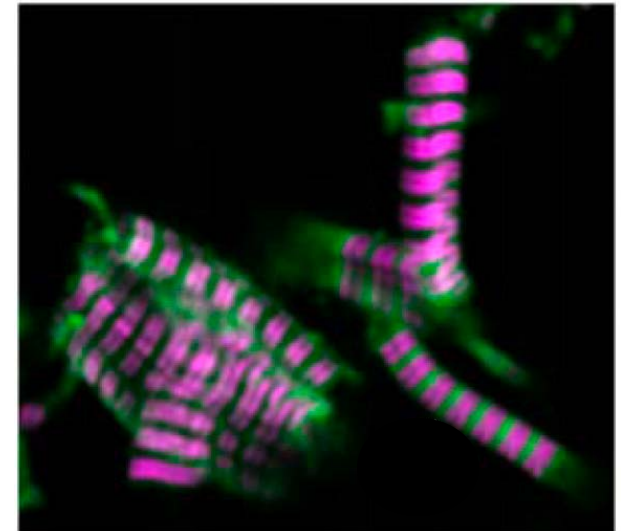
Michael Dailey, Department of Biological Sciences, University of Iowa

ILLUMINATING THE MOLECULAR MECHANISMS OF PROSTATE CANCER PROGRESSION

Melanie Simpson, Department of Biochemistry, University of Nebraska, Lincoln

USE OF FLIM-FRET TO STUDY INTER-MOLECULAR ASSOCIATIONS

Richard Hallworth, Department of Biomedical Sciences, Creighton University





Directions to Creighton University : I-80 to I-480 (Downtown), take Hwy 75, take first exit (Cuming Street), turn right.

Parking

Park next to the Criss Building, on Burt Street, or in the Cuming Street parking lot.

Symposium Location

Hixson-Lied Science Building Auditorium G04, ground floor. Enter from Burt Street.

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Organization

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