Symposium Schedule

TAC Building Auditorium N107

Tuesday June 10th: FRET FOCUS

9:30 AM  Dissection Ca2+ and Phosphoinositide Signaling Pathways using Chemical Perturbations and Live-Cell Imaging
  Tobias Meyer, Ph.D.

11:00 AM  Stimulated Calcium Dynamics in Mast Cells: Space, Time, and Molecular Interactions
  Barbara Baird, Ph.D.

Wednesday June 11th: 3D & 4D IMAGING

9:30 AM  3D and 4D Imaging of Zebrafish Visual System Structure and Development
  Chi-Bin Chien, Ph.D.

11:00 AM  From SAP-less T Cells to Helpless B Cells and Back: 2-Photon Illumination of Dynamic Cell Cooperation Underlying the Formation of Germinal Centers
  Hai Qi, Ph.D.

Happy Hours each day  5-6:30 PM

Lectures, Practicals & Technical Demos

Tuesday June 10th

1:00 PM  Molecular Imaging using FRET Microscopy: A Technical Lecture and Application in Innate Immunity Research
  Eicke Latz, M.D. Ph.D.
  TAC auditorium

2:00 PM  FRET Hands-on Practical: Now Full

4:00 PM  TIRF Demonstration
  Olympus Multi-Angle & Color TIRF - TAC N223

4:00 PM  Approaches to Live Cell Imaging
  Nikon Demo of Biostation IM, A1 confocal & TIRF - TAC N221

Wednesday June 11th

1:00 PM  Approaches to Optical Sectioning of Tissue: Confocal and Two-Photon Laser Scanning Microscopy and other Emerging Techniques
  Michael Levene, Ph.D.
  TAC auditorium

2:00 PM  Optical Sectioning Hands-on Practical: Now Full

4:00 PM  3D Rendering and Deconvolution Practical - Imaris N207

4:00 PM  Structured Illumination for Widefield Microscopy
  Zeiss Apotome Demonstration - TAC N229

4:00 PM  Laser Microdissection Demonstration
  Leica LMD Demonstration - TAC N231

Thursday June 12th

4:00 PM  Fluorescence Lifetime Imaging
  LaVision Biotec Demonstration - TAC N237

1:00 PM  FRET Hands-on Practical

1:00 PM  Optical Sectioning Hands-on Practical

4:00 PM  3D Rendering and Deconvolution Practical - Imaris N207

Details at: www.microscopy.med.yale.edu