

3rd Annual Symposium on Integrating Nanotechnology with Cell Biology and Neuroscience

August 17-18, 2009

Science and Technology Park, 801 University Blvd. SE, Albq., NM

The Third Annual Symposium on Integrating Nanotechnology with Cell Biology and Neuroscience (INCBN) celebrates the second anniversary of the establishment of the INCBN IGERT program at UNM. The Symposium offers a widely interdisciplinary forum for practicing clinicians, biomedical scientists, development engineers, physicists, and chemists specializing in different fields to benefit from each other's knowledge and to stimulate new collaborations requiring their complementary expertise.

Speakers.....

Vernor Vinge - San Diego State University (ret)
Speculative Fiction Writer
When Thought is Cheap

Katherine Ferrara - University of California-Davis
Image-Guided Nanodelivery

Hedi Mattoussi - Naval Research Lab/Florida State University
Design of Nanoparticle Bioconjugates and Their use for Sensing and Imaging

Erkki Ruoslahti - Burnham Institute for Medical Research, UCSB
Tumor-Penetrating Nanoparticles

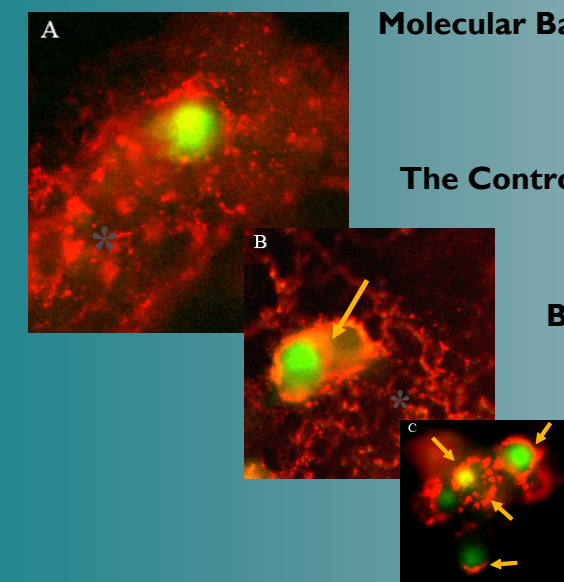
Thomas Jovin - Max Planck Institute for Biophysical Chemistry, Germany
Molecular Basis of Parkinson's Disease: Nanoparticles and Spectroscopic Probes Combine with AFM to Track the Transitions of Alpha-Synuclein from Monomeric Protein to Amyloid Aggregate

Andre Levchenko - Johns Hopkins University
The Control of Cell Behavior by the Nan-Scale Texture of Substrata: Implications for Wound Healing and the Heart Function

James Giordano - University of Oxford, UK/Potomac Institute for Policy Studies
Big Issues at the (Very) Small Scale: Ethical & Social Implications of Nano-Neurotechnology

Richard Tsien - Stanford University
Bright Nanoparticles and Cell Biology of Presynaptic Vesicles

Russell Jacobs - California Institute of Technology
Development and Applications of a Small Animal Simultaneous PET/MRI Scanner



Join us for a Welcome Dinner with Guest Speaker Vernor Vinge on Monday evening, followed by a full day of presentations on Tuesday, including a catered lunch while viewing poster presentations by our INCBN IGERT Fellows, and end the day networking and enjoying Beer/Wine and Hors D'Oeuvres! The Symposium is free of charge; however **we do need all attendees to register** for food and beverage counts. On-line registration and more information about the program can be found at: <http://sincbn.chtm.unm.edu/registration09.html>



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