

# The SAS Spectrum Newsletter

The Newsletter of the Society for Applied Spectroscopy



## October 2013

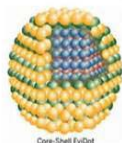


The Titan MPS™ Sample Preparation System  
It's not just the microwave, it's everything behind it.



## SAS and *Applied Spectroscopy* to Sponsor Focal Point Session at SciX 2013

What is a quantum dot?



- Nanocrystals
- 2-10 nm diameter
- semiconductors

*Applied Spectroscopy* is pleased to sponsor a session at this year's SciX meeting at the Hyatt Regency Milwaukee and Delta Center on Bioimaging and Bioanalysis with Quantum Dots based on the journal's popular Focal Point articles.

### APPLIED SPECTROSCOPY FOCAL POINT SESSION: BIOIMAGING AND BIOANALYSIS WITH QUANTUM DOTS

**MONDAY, SEPTEMBER 30, 2013**

10:20 a.m. **Sensing More with Less: New Strategies for Assays with Quantum Dots**, Russ Algar; University of British Columbia.

11:00 a.m. **Energy Transfer Based Biosensing with Luminescent Semiconductor Quantum Dots**, Igor Medintz; U.S. Naval Research Laboratory.

11:20 a.m. **From Nanobodies to Antibodies: Time-Resolved Long-Lifetime FRET for Homogeneous Immunoassays**, Niko Hildebrandt; Université Paris-Sud.

11:40 a.m. **Nanoparticles in Theranostics: the good the bad and the predictable**, David Cramb; University of Calgary.



1-855-BW-RAMAN  
www.bwtek.com

*Comments to david.butcher@Analytchem.org*

## **Dr. Steven A. Carr will be the Wallace H. Coulter Plenary Lecture Speaker for Pittcon 2014**



Dr. Steven Carr, Director of Proteomics at the Broad Institute of MIT and Harvard, will be the Wallace H. Coulter Plenary Lecture Speaker for Pittcon 2014. Dr. Carr's lecture, entitled, "Quantitative Proteomics in Biology, Chemistry and Medicine," will be presented on Sunday, March 2, 2014, 4:30 PM at McCormick Place, Chicago, Illinois. Dr. Steven A. Carr is

Director of Proteomics at the Broad Institute of MIT and Harvard. He is internationally recognized as a leader in the development of novel proteomics methods and in their application in biology and medicine. Dr. Carr and his group collaborate with scientists throughout the greater Broad community (Broad Institute, Harvard, Harvard Medical School, and the 17 Harvard affiliated hospitals) to apply state-of-the art proteomics technology to address compelling questions in biology, chemistry and clinical medicine. Steve has over 200 publications on development and use of proteomics and biological mass spectrometry.