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UNIVERSITY OF CALIFORNIA, IRVINE

Postdoctoral position(s) in nonlinear optical imaging,
Department of Chemistry, University of California at Irvine.

Seeing is believing. This is especially true in our efforts to unveil the mysteries of the microscopic world of the biological cell. Seeing the molecular players partake in the cellular processes is a challenge. Emerging nonlinear optical imaging techniques provide novel ways to visualize the cell's interior in a non-disruptive fashion. Our lab focuses on the development and application of these exciting new technologies.

Positions are available in high-sensitivity coherent anti-Stokes Raman scattering (CARS) microscopy for imaging of tissue *in vivo*, with an emphasis on new detection techniques based on heterodyne methods. Interested candidates with strong backgrounds in nonlinear spectroscopy, biophysics and/or biological microscopy, are encouraged to apply. Please send a cover letter indicating preferred start date, your CV, publication list, and the contact information of three references in pdf-format to:

Dr. Eric O. Potma, epotma@uci.edu.

For more information see http://chem.ps.uci.edu/~potma/webpage_test.htm