

ASN 2010 Pre-Meeting Workshop

Saturday, March 06, 2010

Santa Fe Conference Center

8:00 am – 5:00 pm

\$100 / \$50-Students – Includes Lunch

Focus on imaging Neuro-glial interactions in Health and Disease

This one day pre-meeting workshop will cover cutting edge methodologies for imaging and quantifying the molecular basis of neuro-glial interactions from the very small ("kiss and run" vesicle interactions with the cellular membrane) to the very large (cell migration and cellular activation within the CNS of living animals). invited speakers will discuss the potential uses, the strengths and the limitations of flow cytometry, magnetic resonance imaging, atomic force microscopy, two-photon microscopy, detection of second harmonic structures, all in conjunction with more standard histologic approaches in the detection and analysis of intracellular and intercellular interactions. Focus will be demonstrating how these methods have contributed to defining the significance and consequence of neuro-glial interactions during development, aging, neuroinflammatory disorders and as modulators of neuronal function in the healthy mature CNS. Registered attendees will receive contact list of pre-meeting speakers and registrants, session abstracts and abbreviated ppt presentations from invited speakers.

Invited speakers include:

Astrid Cardonna (University of Texas San Antonio)

Monica Carson (University of California Riverside)

Bonnie Dittel (Blood Research Institute)

Andre Obenaus (Loma Linda University)

Vlad Parpura (University of Alabama at Birmingham)

Emma Wilson (University of California Riverside)