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“A Mesoscopic View: Connecting the Micro and Macro”

In both humans and animals, phenotype and disease/health status are initially evaluated at the level of gross anatomy and behavior. These macroscopic attributes are expressions of cellular and molecular characteristics.

3D imaging at the temporal and spatial resolution of μMRI and μPET provides a strategy to fill in the information ‘gap’ in the mesoscopic realm between macroscopic behavior and microscopic alterations. This may involve simple imaging protocols and straightforward inspection of the images or it may necessitate complex imaging protocols with intricate processing/analysis procedures.

Example applications in small animal model systems of multiple sclerosis, Alzheimer’s Disease, vascular disease & oncology will be presented.

Wednesday
November 2, 2016
12:00p.m. – 1:00p.m.

Herklotz Seminar Room/ ZNI 112
USC Health Sciences Campus
1501 San Pablo Street, Los Angeles, CA 90033
Tel. 323.442.2144

Webcast link: http://keck.mediasite.com/Mediasite/Catalog/Full/4baa6e936b0241a79f925628f196b321