



**Thursdays: February 5 – March 26, 2015**

**12:00 noon – 1:00 PM**

**Building 149, CNY, Room 2204**

Please join us in February and March, 2015, for *"Frontiers of In Vivo Optical Imaging,"* a weekly seminar-based course exploring state-of-the-art optical techniques for *in vivo* imaging. Each seminar will focus on a specific application of optical technology to investigate biological phenomena ranging from the subcellular scale to whole organs in preclinical and clinical settings.

**February 5, 2015**

Abbas Yaseen, PhD: *"Two-photon microscopy imaging of cerebral structure and function (part I)"*

**February 12, 2015**

Sava Sakadžić, PhD: *"Two-photon microscopy imaging of cerebral structure and function (part II)"*

**February 19, 2015**

Stefan Carp, PhD: *"Non-invasive metabolism quantification using near-infrared light"*

**February 26, 2015**

Jonghwan Lee, PhD: *"Optical coherence tomography: a tool for label-free imaging at micrometer scale"*

**March 5, 2015**

Qianqian Fang, PhD: *"Optical tomography and functional breast imaging"*

**March 12, 2015**

Li Li, PhD: *"Photoacoustic imaging: bringing the missing functional and molecular insight into Ultrasonography"*

**March 19, 2015**

Anand Kumar, PhD: *"Molecular imaging using time-domain fluorescence"*

**March 26, 2015**

Juliette Selb, PhD: *"Near-infrared spectroscopy: applications to functional brain imaging and clinical neuro-monitoring"*