

OPHTHALMIC RESEARCH SYMPOSIUM

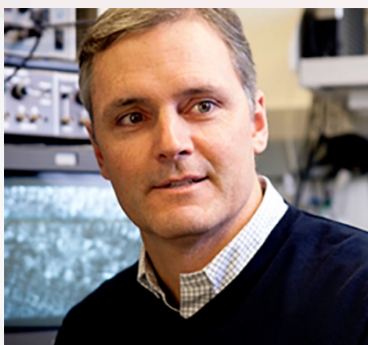
“Synapses and signal processing in the retina”

Prof. Jeffrey Diamond

NIH, Bethesda, MD, USA

In his presentation, Dr. Diamond will discuss how retinal synapses, neurons and circuits are specialized to perform visual computations required by the surrounding network. He will focus on signalling in the inner retina, highlighting visual computations performed by bipolar cell ribbon synapses and amacrine cells.

Monday, 15 July 2019 – 5 pm
Building 620, FIA Seminar Room 2.330, Level 2
Elfriede-Aulhorn-Straße 7



Dr. Diamond received his B.S. from Duke University in 1989 and his Ph.D. from the University of California, San Francisco in 1994, where he studied excitatory synaptic transmission in the retina with David Copenhagen. During a postdoctoral fellowship with Craig Jahr at the Vollum Institute, he investigated the effects of glutamate transporters on excitatory synaptic transmission in the hippocampus. Dr. Diamond was awarded the Presidential Early Career Award in Science and Engineering in 2000, and was promoted to Senior Investigator at NIH /NINDS in 2007. His laboratory studies visual information processing in the mammalian retina.

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Kindly hosted by
Prof. Francois Paquet-Durand