



FASEB

Federation of American Societies
for Experimental Biology

Science
Research
Conferences

The Biology of Cilia and Flagella Conference

Organizer Bio: Peter K. Jackson, PhD

Professor, Baxter Laboratory for Stem Cell Biology, Department of Microbiology & Immunology, Stanford University School of Medicine, CA, USA

Since 2005, Dr. Jackson's lab has focused on signaling through the primary cilium, using proteomic approaches to define regulatory networks and new disease genes. More broadly, the lab has connected many proteins defective in human diseases and cancer to new complexes and pathways, with a view to discovering molecular signatures for diagnostics and therapeutic development.

Dr. Jackson spent eight years as a staff scientist and director at Genentech Inc. before returning to Stanford in 2013. At Genentech, he helped define and implement the development of therapeutics for cancer pathways including cell cycle checkpoints, stress pathways, and tumor metabolism.

His research has earned him numerous visiting lectureships and honors, including awards from the Baxter Foundation, Howard Hughes Medical Institute, the American Cancer Society, and the Pluto Society. He is a Stanford Hume Faculty Scholar and a Kirsch Scholar, and a Fellow of the American Association for the Advancement of Science (in 2008).