SUNDAY, FEBRUARY 13
Arrival and Registration

MONDAY, FEBRUARY 14

Welcome and Keynote Address
David Julius, University of California, San Francisco, USA
Natural Products as Probes of the Pain Pathway: From Physiology to Atomic Structure

Sensory Signals Driving Social Interactions
Ishmail John Abdus-Saboor, University of Pennsylvania, USA
A Skin-to-Brain Circuit for Social Touch
Lisa Stowers, The Scripps Research, USA
How Olfaction Drives Behavior
Susana Lima, Champalimaud Research, Portugal
Central Circuits that Promote Sexual Behavior

Homeostatic Sensation Controls Behavior
Stephen Liberles, Harvard Medical School, USA
Internal Sensory Systems
Zachary A. Knight, University of California, San Francisco, USA
The Neurobiology of Homeostasis
Elaine Y. Hsiao, University of California, Los Angeles, USA
The Microbiome in Gut-Brain Signaling

Poster Session 1

TUESDAY, FEBRUARY 15

Sensing Force: Molecules to Circuits
Ulrich Mueller, Johns Hopkins University/The Solomon H. Snyder, USA
Mechanotransduction in Hearing and Auditory Circuit Development
Ardem Patapoutian, The Scripps Research Institute, USA
Mechanical Sensing in Somatosensation and Interoception
David D. Ginty, HHMI/Harvard Medical School, USA
Mechanosensory Sensory Neurons and Central Circuits of Touch

Making Sense of Sense
Markus Meister, California Institute of Technology, USA
The Standard Model of the Retina
Sandeep Robert Datta, Harvard Medical School, USA
How the Brain Creates and Reads the Olfactory Percept
Jennifer M. Li, Max Planck Institute for Biological Cybernetics, Germany
Internal State Dynamics Shape Brainwide Activity and Foraging Behavior
Lisa Giocomo, Stanford University School of Medicine, USA
Encoding Spatial Information

Poster Session 2

WEDNESDAY, FEBRUARY 16

Pain, Anesthesia, and Laughter
Gregory Scherrer, University of North Carolina at Chapel Hill, USA
The Neural Basis of Pain Unpleasantness and Its Modulation
Fan Wang, Massachusetts Institute of Technology, USA
Circuits in Affective Pain
Alexander Chesler, NCCIH, National Institutes of Health, USA
Decoding Cellular and Molecular Mechanisms for Somatosensory Discrimination
Speaker to be Announced
Short Talks Chosen from Abstracts

Sensational Sensation
Cynthia F. Moss, Johns Hopkins University, USA
Bat Echolocation: 3D Auditory Scene Analysis
Gary R. Lewin, Max Delbrück Center for Molecular Medicine, Germany
Sensory Perception in the Naked Mole Rats
Sophie Scott, University College London, UK
Human Sensory Processing of Vocalization
Short Talks Chosen from Abstracts

Meeting Wrap-Up: Outcomes and Future Directions (Organizers)

THURSDAY, FEBRUARY 17

Departure