National Institutes of Health
Advisory Committee to the Director (ACD) Brain Research through Advancing Innovative Neurotechnologies® (BRAIN) Initiative Working Group 2.0
Workshop #1

General Session Agenda - August 24, 2018, 8:00 AM – 1:30 PM (EDT)
Location: Harvard University; Yenching Lecture Hall, 2 Divinity Avenue, Cambridge, Massachusetts

8:00 AM  Opening Remarks
Walter Koroshetz, M.D.
Director, National Institute of Neurological Disorders and Stroke

Joshua Gordon, M.D., Ph.D.
Director, National Institute of Mental Health

Catherine Dulac, Ph.D., and John Maunsell, Ph.D.
Co-Chairs, ACD BRAIN Initiative Working Group 2.0

Invited Presentations – Human Neuroscience
What is the state of the science?

8:15 AM  Session 1: Recording and Stimulation
Chair: John Maunsell, Ph.D.

8:15 AM  Aysegul Gunduz, Ph.D.
Associate Professor of Biomedical Engineering and J. Crayton Pruitt
Family Term Fellow, University of Florida

8:30 AM  Sameer Sheth, M.D., Ph.D.
Associate Professor of Neurosurgery, Vice-Chair of Clinical Research
Baylor College of Medicine

8:45 AM  Maryam Shanechi, Ph.D.
Andrew and Erna Viterbi Early Career Chair and Assistant Professor of
Electrical Engineering-Systems, University of Southern California

9:00 AM  Panelist Discussion with WG

9:15 AM  Session 2: Functional Imaging
Chair: Bruce Rosen, M.D., Ph.D.

9:15 AM  Larry Wald, Ph.D.
Professor of Radiology, Harvard Medical School

9:30 AM  Jack Gallant, Ph.D.
Chancellor's Professor of Psychology, University of California – Berkeley

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9:45 AM  Maria-Angela Franceschini, Ph.D.
Associate Professor in Radiology, Harvard Medical School
Associate Physicist, Massachusetts General Hospital

10:00 AM  Panelist Discussion with WG

10:15 AM  Break

10:30 AM  Session 3: Brain Connectivity
Chair: Doris Tsao, Ph.D.

10:30 AM  Richard Andersen, Ph.D.
James G. Boswell Professor of Neuroscience
California Institute of Technology

10:45 AM  David Van Essen, Ph.D.
Alumni Endowed Professor of Biology and Biomedical Sciences
Washington University in St. Louis

11:00 AM  Jeff Lichtman, M.D., Ph.D.
Jeremy R. Knowles Professor of Molecular and Cellular Biology
Harvard University

11:15 AM  Panelist Discussion with WG

11:30 AM  Session 4: Translation from Mouse to Human
Chair: Huda Zoghbi, M.D.

11:30 AM  Ed Lein, Ph.D.
Investigator, Director of Human Cell Types Program
Allen Institute for Brain Science

11:45 AM  Junghae Suh, Ph.D.
Associate Professor of Bioengineering, Rice University

12:00 PM  Sergiu Pasca, M.D., Ph.D.
Assistant Professor, Psychiatry and Behavioral Sciences
Stanford University

12:15 PM  Feng Zhang, Ph.D.
Associate Professor, Brain and Cognitive Sciences and Biological Engineering; Core Member, Broad Institute

12:30 PM  Panelist Discussion with WG

12:45 PM  Group Discussion and Public Comments

1:30 PM  Concluding Remarks and General Session Adjournment
Catherine Dulac, Ph.D., and John Maunsell, Ph.D.
Co-Chairs, ACD BRAIN Initiative Working Group 2.0