

Committee on the State of the Science and Future Needs for Nonhuman Primate Model Systems – Public Meeting

November 21, 2022, 9:30 am – 1:00 pm (ET)

PUBLIC MEETING AGENDA

Link to view Workshop live Webcast: <https://www.nationalacademies.org/event/12-01-2022/state-of-the-science-and-future-needs-for-nonhuman-primate-model-systems-meeting-6>

OBJECTIVES

This public meeting, convened by the National Academies of Sciences, Engineering, and Medicine's Committee on the State of the Science and Future Needs for Nonhuman Primate Model Systems, will feature invited presentations and discussions to:

- Engage NIH institutes, offices, and centers in discussions on opportunities and challenges for nonhuman primate (NHP) research and mechanisms for meeting current and future needs.
- Explore current examples and future opportunities for collaboration between NHP researchers and those using new approach methodologies to complement NHP research, increase the value of the models, and reduce reliance on NHPs where feasible.

MONDAY, NOVEMBER 21, 2022

9:30 am **WELCOME AND OPENING REMARKS**

KENNETH RAMOS, *Committee Chair*
Texas A&M University

9:45 am **SESSION I –DISCUSSION WITH NIH INSTITUTES, CENTERS, AND OFFICES**

Purpose:

- Explore efforts undertaken in response to the challenges and recommendations included in the 2018 Office of Research Infrastructure Programs report, *Nonhuman Primate Evaluation and Analysis*.
- Discuss future priority areas for NIH-supported NHP research based on public health needs and evolving science.
- Explore opportunities for facilitating collaboration across researchers, including with researchers working with new approach methodologies that may be complementary, increase the value of models used, or reduce reliance on NHP models.

9:45 am **Updates since the 2018 NIH ORIP Report, *Nonhuman Primate Evaluation and Analysis***

FRANZISKA GRIEDER
NIH Office of Research Infrastructure Programs

JULIA SHAW
National Institute of Allergy and Infectious Diseases
Co-chair, NHP Resource Planning Working Group

9:55 am **Committee Q&A**

10:15 am **Opening Remarks from Representatives from NIH Institutes**

JULIA SHAW (SPEAKER)
MARISA ST. CLAIRE, NANCY MILLER, AND CLINT FLORENCE (DISCUSSANTS)
National Institute of Allergy and Infectious Diseases

BETTINA BUHRING
National Institute of Child Health and Human Development

DAOFEN CHEN
National Institute of Neurological Disorders and Stroke

GREG FARBER
National Institute of Mental Health

MARTHA FLANDERS
National Eye Institute

MANUEL MORO
National Institute on Aging

JOHN TISDALE (SPEAKER) AND SOGUN HONG (DISCUSSANT)
National Heart, Lung, and Blood Institute

10:40 am **Moderated Discussion with NIH Panelists**

11:35 am **BREAK (10 min)**

11:45 am SESSION II – OPPORTUNITIES FOR COMPLEMENTARY AND COLLABORATIVE RESEARCH

Purpose:

- Identify examples of, or opportunities for, new approach methodologies (in vitro and in silico methods) to complement and/or reduce reliance on NHP research.
- Explore the scientific, operational, and financial considerations for expanding collaborative work and how this work could be supported or incentivized at a larger scale

11:45 am Speaker Presentations

CHARLES MURRY
Institute for Stem Cell and Regenerative Medicine
University of Washington

JULIE KIM
Northwestern University

FRANK VERRECK AND ANNE-MARIE ZEEMAN
Biomedical Primate Research Centre, Netherlands

DOUGLAS LAUFFENBURGER
Massachusetts Institute of Technology

12:25 pm Committee Q&A

12:55 pm CLOSING REMARKS

KENNETH RAMOS, *Committee Chair*
Texas A&M University

1:00 pm ADJOURN PUBLIC SESSION

CLOSED SESSION – COMMITTEE ONLY

1:00 pm – 2:00 pm Closed Session Committee Discussion

2:00 pm Adjourn Closed Session