



National Center
for Advancing
Translational Sciences

**24th Meeting of the
National Center for Advancing Translational Sciences Advisory Council**

Open Session of the meeting will be available via [WebEx](#).

AGENDA

Thursday, May 14, 2020

10:00 am **Closed Session**

11:00 am **BREAK**

11:30 am **Call to Order, Open Session**

- Christopher P. Austin, M.D., Director, NCATS; Chairperson — NCATS Advisory Council

Confirmation of Dates for Future NCATS Advisory Council Meetings

Approval of Minutes from the January 2020 Joint Meeting

- Anna L. Ramsey-Ewing, Ph.D., Director, Office of Grants Management and Scientific Review, NCATS; Executive Secretary — NCATS Advisory Council

11:35 am **Staffing Announcements**

- NCATS Leadership

11:45 am **Director's Update**

- Christopher P. Austin, M.D., Director, NCATS; Chairperson — NCATS Advisory Council

12:30 pm **Special Discussion of COVID-19-Related Issues**

- Moderator, Joni Rutter, Ph.D., Deputy Director, NCATS

1:10 pm **Program Update: Division of Preclinical Innovation**

- Matthew D. Hall, Ph.D., Acting Chief, Early Translation Branch, Division of Preclinical Innovation, NCATS

1:55 pm **BREAK**

2:15 pm **Clearance of Concepts: Presentations and Discussions**

A Specialized Platform for Innovative Research Exploration: ASPIRE-ing Beyond HEAL

- Danilo A. Tagle, Ph.D., M.S., Associate Director for Special Initiatives, NCATS
- Samuel G. Michael, Director, Automation and Compound Management, Division of Preclinical Innovation, NCATS

Extended Longevity Tissue Chips for Modeling Chronic Exposures

- Lucie A. Low, Ph.D., Program Director, Office of Special Initiatives, NCATS

Drug Screening with Biofabricated 3-D Disease Tissue Models

- Dobrila D. Rudnicki, Ph.D., Program Director, Office of Special Initiatives, NCATS

Machine Intelligence in Health Care

- Karlie R. Sharma, Ph.D., Program Officer, Drug Development Partnership Programs, Office of the Director, NCATS
- Christine M. Cutillo, M.M.C.i., Special Assistant to the Director, Office of the Director, NCATS

SBIR Contract Topics

Introduction

- Lili M. Portilla, M.P.A., Director, SBIR/STTR Program, NCATS

Multi-Sensory Virtual/Augmented Reality Systems for Rehabilitation

- Samuel G. Michael, Chief, Information Technology Resources Branch, Division of Preclinical Innovation, NCATS

Platform for Rapidly Deployable Autonomous Laboratory

- Samuel G. Michael, Chief, Information Technology Resources Branch, Division of Preclinical Innovation, NCATS
- Carleen Klumpp-Thomas, M.S., Research Services Core Lead, Division of Preclinical Innovation, NCATS

3:45 pm **Special Topic Presentation: Utilizing Artificial Intelligence/Machine Learning to Enhance Preclinical Discovery**

- Samuel G. Michael, Chief Information Officer, Office of Administrative Management, NCATS

4:30 pm **Cures Acceleration Network Review Board Update**

- Ron Bartek, M.A., Co-founder and Founding President, Friedreich's Ataxia Research Alliance; Vice Chairperson — CAN Review Board
- G. Lynn Marks, M.D., Tunnell Government Services, Inc.; Chairperson — CAN Review Board

5:00 pm **Adjournment**

- Christopher P. Austin, M.D., Director, NCATS; Chairperson — NCATS Advisory Council
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Future Meetings

Sept. 17, 2020

Jan. 14, 2021

May 20, 2021

Sept. 23, 2021

Jan. 20, 2022

May 19, 2022

Sept. 22, 2022