

Academic Consortium for Personalized RNA Therapies

Inaugural Workshop

Coronado Island Marriott, San Diego • October 28, 2026

1:00p Registration

2:00p Welcoming Remarks

Introduction to the Academic Consortium for Personalized RNA Therapies

John P. Cooke, M.D., Ph.D. — Professor and Director, Center for RNA Therapeutics, Houston Methodist Research Institute; Weill Cornell Medical College

The Promise of Personalized mRNA Cancer Vaccines

Moderator: Pieter Cullis, Ph.D., University of British Columbia

2:05p University-sponsored Clinical Trials in mRNA Cancer Vaccines

John P. Cooke, M.D., Ph.D. — Houston Methodist Research Institute

2:20p Industry-sponsored Clinical Trials in mRNA Cancer Vaccines

Ben Greenbaum, Ph.D. — Co-Director, Vaccine Center, Memorial Sloan Kettering Cancer Center

Manufacturing in an Academic Environment

Moderator: Lior Zangi, Ph.D., Mount Sinai Hospital, New York

2:40p Solving Problems in Manufacturing and Analytical Characterization

Andrew Varley, Ph.D. — Director, RNA and Formulation Core, University of British Columbia

2:55p cGMP Manufacturing in an Academic Environment

Murilo Bueno, Ph.D. — Scientific Director, RNACore, Houston Methodist Research Institute

3:10p Translating mRNA into medicines: the design, manufacture and delivery of mRNA-LNPs at BASE

Timothy Mercer, Ph.D. — Professor, BASE, AIBN, University of Queensland

Federal Innovation to Facilitate Academic Programs

Moderator: John P. Cooke, M.D., Ph.D., Houston Methodist Hospital

3:25p The Path to an FDA-Approvable Platform for Personalized RNA Cancer Vaccines in an Academic Setting

Tim Scott, J.D. — President and CEO, Biocom

3:45p Genetic Medicines and Individualized Manufacturing for Everyone (GIVE)

John Schiel, Ph.D. — Program Manager, Advanced Research Projects Agency for Health (ARPA-H)

4:10p HDT Bio: The Distributed RNA Synthesis (DRS) Team of ARPA-H GIVE

Jesse Erasmus, Ph.D. — Director of Virology, HDT Bio

4:20p Brown University: The FUSE Team of ARPA-H GIVE

Anubhav Tripathi, Ph.D. — CV Starr Professor of Engineering and Medical Sciences, Brown University

4:30p Break

Emerging Academic Programs in Personalized mRNA Cancer Vaccines

Co-chairs: Bruce Sullenger, Ph.D., and Smita Nair, Ph.D., Duke University

4:45p University of British Columbia: The AVENGERS

Mike Hughes, Ph.D. — Lead, Personalized Cancer Vaccine Program, University of British Columbia

4:55p University of Pennsylvania: Penn Institute for RNA Innovation

Irina Shkundina, Ph.D. — Senior Research Investigator, Weissman Laboratory, University of Pennsylvania

5:05p Johns Hopkins University: Center for RNA Innovation

Michelle Kim, Ph.D. — Managing Director, RNA Innovation Center, Johns Hopkins University

5:15p Memorial Sloan Kettering: Personalized Cancer Vaccine Program

Ben Greenbaum, Ph.D. — Memorial Sloan Kettering Cancer Center

5:25p Mayo Clinic RNA Therapeutics Program

Shubh Roy, Ph.D. — Director, Mayo Clinic RNA Synthesis Facility, presenting on behalf of Nilüfer Ertekin-Taner, M.D., Ph.D.

5:35p From Sequence to Patient: Building the Operating System for Personalized RNA Therapies

Jason Barbour, Ph.D. — Chief Executive Officer, Echo Immunotherapeutics, Inc.

5:45p Open Discussion and Next Steps

Moderator: John P. Cooke, M.D., Ph.D. — What is the rationale for academic programs in personalized mRNA cancer vaccines, and what are the hurdles?

6:30p ASCENT Opening Reception

6:30 – 8:30 p.m., hosted by the Alliance for mRNA Medicines

SUPPORTED BY

FOUNDING PARTNER



CONSORTIUM PARTNER



CONSORTIUM PARTNER



Agenda subject to change.

The Society for RNA Therapeutics • srnat.org • info@srnat.org