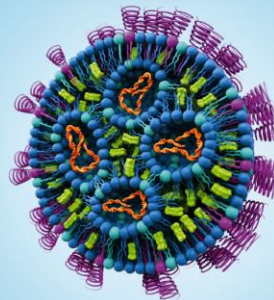




## The Perfect LNP Fit: From Formulation to Analytics and Beyond

Learn, network, and demo  
the latest innovations for  
LNP-based therapeutics

Tuesday, July 14 | 12:00 - 6:00 p.m.



Proudly Hosted by

SARTORIUS

 **EVONIK**  
Leading Beyond Chemistry

# OVERVIEW

## Date

What's next for LNPs? Discover the innovations shaping RNA therapeutics. Join Evonik and Sartorius for a focused, expert-led workshop exploring the latest strategies in lipid nanoparticle (LNP) development across the full workflow – from lipid design and formulation screening to clinical scale-up.

This half-day program is designed to address the evolving complexities of LNP design and manufacturing, while highlighting emerging strategies to accelerate the development of RNA therapeutics.

### Why Attend?

This is more than just a workshop; it's an opportunity to learn, connect, and experience innovation firsthand.

- **Expert-Led Insights & Advancements:** Hear from leading scientists presenting real-world research while exploring current approaches and advancements in LNP development, including key considerations in design, formulation, scale-up, and emerging RNA therapeutic applications.
- **Engaging Panel Discussion:** Join a dynamic panel as they address the challenges and future opportunities in LNP technologies.
- **Networking & Collaboration:** Connect with peers, collaborators, and leaders from industry and academia during dedicated networking sessions.

### LOCATION

238 Main Street  
Cambridge, MA (located at  
Kendall/M.I.T. MBTA stop)

### DATE & TIME

July 14, 2026  
11:45 AM - 5:30 PM

### PARTICIPATION FEE

Free of charge

### QUESTIONS?

If you have questions or would like to register, please go to Evonik OnCare ([oncare.evonik.com](https://oncare.evonik.com)) or contact Likhitha Bingham via e-mail ([likhitha.bingham@evonik.com](mailto:likhitha.bingham@evonik.com)).

# AGENDA

## Date

11:45 AM **Arrival & Registration**

12:00 PM **Lunch & Networking**

1:00 PM **Plenary Talk: Advancing Quality and Process Understanding Across the Nucleic Acid and LNP Biopharmaceutical Chain Toward Rational Design and Controlled Production**

Tristan Kovačič, Project Manager Process Analytics Development  
*Sartorius*

1:20 PM **Boosting Lipid Nanoparticle Performance with Cholesterol Derivatives**

Dr. Daniel Costa, Senior Scientist, Nucleic Acid Delivery  
*Evonik*

1:40 PM **The Versatile Ionizable Lipid AMG1541 Enables Distinct LNP Formulations for High-Potency Intramuscular Vaccines and Intravenous Delivery of Micro-Dystrophin and Cas9 mRNA to Restore Dystrophin Expression and Muscle Function in a DMD Mouse Model**

Dr. Arnab Rudra, Scientist  
*Boston Children's Hospital, Koch Institute, MIT*

2:00 PM **Break**

2:20 PM **High-Throughput RNA-LNP Formulation Screening Enabled By Liquid-Handling Automation**

Dr. Yuji Takeda, Senior Scientist, Lipid Nanoparticle Formulation  
*Sartorius*

2:40 PM **Beyond Ionizable Lipids: Cationic LNPs for Efficient mRNA Delivery and Immunogenicity**

Prof. Hai-Quan Mao, Director of Institute for NanoBio Technology  
*Johns Hopkins University*

3:00 PM **Blueprint to Engineering and Scaling LNPs for Clinical Development**

Dr. Annette Bak, Head of Advanced Drug Delivery  
*AstraZeneca*

3:20 PM **Panel with all speakers**

3:45 PM **Networking Reception & Lab Tour with Live Demos of Sartorius's LNP Formulation pipette & PATfix® LNP Switcher platform**

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