

# Solving the Lyo Cycle

Advanced Science & Emerging Technology for Modern Lyophilization

**October 28th – 29th, 2026**

Hosted at Open Biopharma Research and Training Institute,  
Carlsbad, California

## Seminar Overview

- ✓ 2-days & 10 hours of presentations
- ✓ 2 lab tours – Arete Biosciences & Biopharma Technology, LLC
- ✓ Presentations and access to expert lyo scientists from Biopharma Group
- ✓ Guest presenters from:
  - Ionis
  - Grifols
  - Arete Biosciences
  - Lighthouse Instruments
  - Surface Measurement Systems
- ✓ Topics include:
  - Machine Learning & Design of Experiment (DoE) in lyobeads
  - Tackling challenges in lyophilizing pre-filled syringes (PFS)
  - What really happens during the drying process using analysis instruments
  - Cartridge design
  - Harnessing technology for the perfect lyobead
  - Best practices in lyophilization
- ✓ Certificate of attendance at end of seminar

## Who Is This Seminar Right For?

### Industries:

- Diagnostics
- Pharma & Biopharma
- Biotechnology

### Jobs & Roles:

Anyone using lyo technology for their R&D through manufacturing processes, including:

- R&D/ Formulation Scientists
- Lab Managers
- Production Operatives

## Pricing:

**Standard Tickets = \$1,000 per person**

**Early Bird Tickets\* = \$795 per person**

\*Early Bird Rates are valid until September 16th, 2026

**REGISTER YOUR  
INTEREST HERE**

