

LIVE WEBINAR

Effective methods of cryopreservation: A critical element of supply chain for cell therapy

30 August 2022

9.00 - 10.00am (UTC+08:00)



About the Webinar

Cryopreservation is a critical element of the supply chain for cell and gene therapy (CGT) applications. Whether it is preserving the source materials (apheresis or induced pluripotent stem cells), cryopreservation enables the manufacturing paradigm for CGT.

In this webinar, you will learn:

- About the factors that damage cells during freezing
- Identify steps for a cryopreservation protocol
- Best practices to reduce cell losses along the preservation process
- New and emerging methods of preserving



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Alison Hubel, Ph.D.
Director of the Technology
Leadership Institute

Dr. Hubel is a Professor in Mechanical Engineering at the University of Minnesota and Director of the Technology Leadership Institute. She is President-elect of the Society for Cryobiology. Dr. Hubel has studied both basic science and translational issues behind preservation.

Her work spans from the study of molecular mechanisms of damage during preservation to the development of technology to improve preservation outcomes. She is currently Chief Science Officer of Evia Bio, a startup company based on the preservation technology developed in her lab. Dr. Hubel has published numerous scientific articles in the field of preservation, and she is the author of, "Preservation of Cells: a Practical Manual" published in 2018.