



**Media Advisory
Immediate Release**

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ISBER Launches the Release of the Liquid Nitrogen-Based Cryogenic Storage of Specimens Best Practices Addendum.

Vancouver—May 7, 2019— Building on the Fourth Edition of the ISBER’s Best Practices released in 2018, the International Society for the Biological and Environmental Repositories (ISBER) in collaboration with the Society for Cryobiology (SFC) are proud to announce the release of the Liquid Nitrogen-based Cryogenic Storage of Specimens Best Practices Addendum.

"The new Liquid Nitrogen Best Practices Addendum will be a go-to resource for the growing number of repositories being asked to store cellular products being used in adoptive therapy research and manufacturing. We are grateful to the team of contributors who are world leaders, who have shared their expertise in building and managing facilities to support collections requiring sub-T_g (glass transition, -135°C) storage," said David Lewandowski, President of ISBER.

As with the ISBER Best Practices, we expect the addendum to provide timely and meaningful guidance to the industry. In developing this addendum, consultation was solicited from a large number of international resources with experience and expertise in LN-based cryogenic storage of biological and environmental specimens for research and clinical use. Development of best practices is a rigorous, consensus-based process that reflects advances in research and technology. This document will impact the policies and procedures of the community and serve as a strong foundation for future standards and best practices.

"Liquid nitrogen provides an ideal low temperature environment (at -196°C) to keep living cells and tissues dormant but potentially alive for long-term cryopreservation. The ISBER Liquid Nitrogen Best Practices Addendum systematically details the high standards of using liquid nitrogen in biobanking research and practice, which will have a great and profound impact on the field," said Dr. Dayong Gao, President, SFC.

"This Addendum is a good example of the flexibility of the ISBER Best Practices. If a need in a specific area is identified by stakeholders, a corresponding addendum can be developed relatively quickly in collaboration with experts in the field," said Dr. Daniel Simeon-Dubach, Chair ISBER Standards Committee.

About the International Society for Biological and Environmental Repositories

The **International Society for Biological and Environmental Repositories** (www.isber.org) is the only global forum that addresses harmonization of scientific, technical, legal, and ethical issues relevant to repositories of biological and environmental specimens. ISBER fosters collaboration; creates education and training opportunities; provides a forum for the dissemination of state-of-the-art policies, processes, and research findings; and provides an international showcase for innovative technologies, products, and services. Together, these activities promote best practices that cut across the broad range of repositories that ISBER serves.

About the Society for Cryobiology

The **Society for Cryobiology** was founded in 1964 to bring together those from the biological, medical and physical sciences who have a common interest in the effect of low temperatures on biological systems. The purpose of the Society is to promote scientific research in low temperature biology, to improve scientific understanding in this field, and to disseminate and apply this knowledge to the benefit of mankind (including cryopreservation, biobanking, cryomedicine, and beyond). The Society achieves these aims through publication of its journal *Cryobiology*, and organization of an annual international scientific meeting devoted to all aspects of low temperature biology.