

# Canada's First Commercial Bio-Repository and Cryogenic Support Centre Opens in Toronto

## -190°C Cryogenic Storage Space for Two Million Samples

Construction is complete on a brand new custom designed facility located in the Clinical Services Building of University Health Network (UHN) - General Site. Core Cryolab Inc. recently opened the first purpose built commercial bio-repository in Canada.

In addition to providing off-site, high security storage for valuable biological material, Core Cryolab offers a comprehensive range of services associated with sample processing and controlled rate freezing prior to storage. Our collaboration with Mount Sinai - Pathology and Laboratory Medicine provides added confidence that sample processing at Core meets quality, safety and regulatory requirements.

Core Cryolab was founded by Toronto native Leslie Gallagher and UK born Ian Pope. Collectively they have over 30 years experience in the cryogenic gases, cryogenic equipment and supply systems field, working with world renowned biotech, government and research institutes. "Our mission is to raise the bar in terms of protecting the long term value of the samples stored in small cryogenic facilities throughout the Discovery District and beyond." Leslie said, "To address the three critical variables, Time - Temperature - Viability, we have constructed a world class facility with state of the art cryogenic storage freezers together with multi level redundant monitoring and back up systems. We will provide a comprehensive range of cryogenic related products and services for academia, healthcare, research and biopharm companies involved in cryopreservation and biological sample storage."



- 190°C Vapour Storage Freezers at Core Facility

### Next Issue:

- ReposiTrack Software  
-Two Options for Inventory Management
- Cryogenic and Cryo-preservation Training  
-Three Course Levels
- World Leading Controlled Rate Freezers by Core Cryolab Inc.
- Validation and Support Services

## CMMR becomes Core Cryolab's First Client

Core will receive samples during August from CMMR. The CMMR bank of murine gametes, embryos and tissues is a significant asset for Canadian (and worldwide) research communities and the long term protection of these valuable tissues is a high priority for the group. Splitting the bank in two, CMMR will place one of the duplicate sets in archival storage at Core's facility.

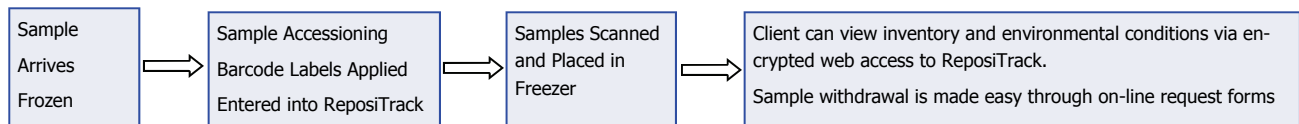
Initially 120 boxes of cryogenically frozen material will be placed during August and going forward, all newly frozen tissue will have a duplicate set stored at Core. Dr. McKerlie says "this initiative is a diligent step and a significant component of our disaster recovery plan."



## Flexible Processing, Freezing and Storage Options

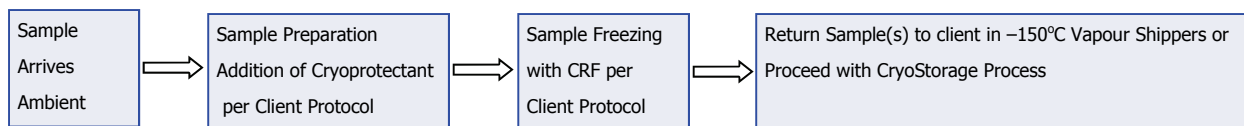
### Cryogenic Storage

Clients can store as little as one box, one rack, one quadrant or an entire freezer. Flexible Options and pricing packages are available to accommodate volume, length of storage and budget.



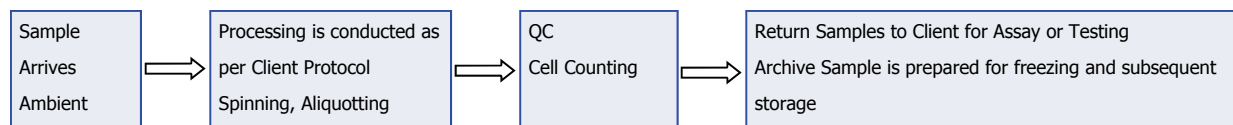
### Cryopreservation (with or without Cryogenic Storage)

Using client provided freezing protocols, Core can freeze samples using the IceCube controlled rate freezer and either return them to the client frozen in a vapour shipper or proceed with entry into a Core —190°C Vapour Storage freezer.



### Sample Processing (with or without Cryogenic Storage)

Core is currently equipping two cGMP laboratories. Under the direction of Mount Sinai Pathology and Laboratory Medicine, Core will process clinical trial samples or other materials. The collaboration between MSH-PLM and Core Cryolab has a dual purpose, free up space and resources and improve the quality of sample handling and storage.



**Core Cryolab Inc.** is the collective vision of a group of individuals with over 30 years of experience in all aspects of cryogenic storage. World leading expertise in cryogenic liquid distribution and storage systems, controlled rate freezing applications and protocols and long term storage in cryogenic freezers.

Inside Core Cryolab Inc.  
— Reception Lobby Area



## Upcoming Events at Core Cryolab Inc.

### Open House

October 5th and 7th—10:30am—1:30pm

Core will host an Open House and luncheon for anyone involved in managing or coordinating Clinical Trials. Learn how Core can provide multiple solutions for PI's, Coordinators and Occupational Health and Safety staff.

### Official Opening Reception

October 20th, 2005, 4:00pm—7:30pm

Meet our staff and tour our facilities while enjoying fine food and refreshments. If you are interested in attending, please call 416.260.CORE (2673).

### November Training Workshop

2 Day in-depth view of cryopreservation theory, practicalities and systems.

or

If you are interested in a tour of our facility at your convenience, please call to arrange.