

Wednesday, May 12th

ISBER Session I: Design of Tissue Collection Facilities

Sponsored by the International Society for Biological and Environmental Repositories (ISBER)

Kaufman Theatre

8:15 am – 11:50 am

8:15 am – Opening and Welcome

Robert Hanner, ISBER President

Rob Huxley, SPNHC President

Rob DeSalle, AMNH Curator

8:30 am – 10:30 am: Moderator – Bill Grizzle

Russell Bierbaum

Design and organization of a small repository design from the perspective of a reproductive cryobank

Phil Baird, Richard Frome

Large scale repository design

Bryan Wakeford

Building a new wildlife tissue repository for the National Wildlife Research Centre of Environment Canada

Rebecca Pugh

The National Biomonitoring Specimen Bank

10:30 – 10:50 am: Coffee break, visit exhibits and posters

10:50 – 11:50 am

Keynote address: Jim Vaught

Managing Large Biorepositories: Are there smarter ways to collect and store specimens?

12:30 pm – 2:00 pm: Lunch – roundtables with speakers and vendors

ISBER Session II: Contributed Papers

Kaufman Theatre

2:00 pm – 3:30 pm

2:00 pm - 2:15 pm

John M. Baust, MJ Vogel, RG Van Buskirk, JG Baust

Involvement of mitochondrial-associated pathway of apoptosis in cryopreservation of human fibroblasts

2:15 pm – 2:30 pm

Christina Walters

Predicting temperature dependency of deterioration in storage

2:30 pm – 2:45 pm

Colin McKerlie, SL Adamson, D Davidson, RM Henkelman, J Rossant

Real-time integration of digital pathology repositories with medical imaging, gene expression, and lab data for mouse models of human disease

2:45 pm – 3:00 pm

Kristi K. Snyder, JM Baust, RG Van Buskirk, JG Baust

Hypothermic storage of mammalian cardiomyocytes: Assessment of multiple markers of viability

3:00 pm – 3:15 pm

Todd M Preuss

Collection and preservation of great ape brain tissue

3:15 pm – 3:30 pm

Mike Hogan, B Iverson, R Eggers, S Josula, D Kopperud, P Thompson

Solid-state protein archiving: GenVault technology

3:30 pm – 4:00 pm

Coffee break

ISBER session III: concurrent workshops

Kaufman Theatre

4:00 pm

Dan Byrne

Workshop A: Cost analysis of cryopreservation systems, backups systems

Kathi Shea:

Workshop B: System Limitations

Robbin Weynant

Workshop C: Safety

Ted Mifflin

Workshop D: Repository Automation