

3<sup>rd</sup> International

# Leaders in Biobanking CONGRESS 2011

## Maximize Your Investment

### Key Features

- **PRESENTATIONS**  
Gain insight from biobanking managers and biopreservation scientists and delve into the molecular advances in biomedical science.
- **PANEL DISCUSSIONS**  
Determine best practices in biopreservation protocols.
- **CASE STUDIES**  
Analyze ongoing biobanking partnerships.
- **NETWORKING OPPORTUNITIES**  
Join discussion groups and dedicated exhibit hall and poster viewing hours.
- **SHORT COURSES**  
Attend interactive courses designed as a great introduction for those who are new to a particular discipline or as a refresher for those who want to brush up on their knowledge or expand their horizons.

**NOVEMBER 7-8, 2011**

The Heldrich Hotel  
New Brunswick, NJ

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Today, biospecimen collections are used by multiple research groups for varying research aims from basic research through clinical trials. A well managed biobank is a critical prerequisite for high-quality biological research. Proper collection, processing, storage, and tracking of biospecimens are critical components allowing researchers to better link molecular and clinical information. Thus, by necessity, biobanking is both a science and a business. *Cambridge Healthtech Institute's Third International Leaders in Biobanking Congress* addresses both the **business** and **science** angles of biobanking, bringing together biomedical and biopharmaceutical researchers, regulators, biorepository managers, and practitioners to investigate the best tactics for effective use of biospecimens within today's cutting edge research.

## SUNDAY, NOVEMBER 6 PRE-CONFERENCE EVENTS

### 12:30-3:30 pm Pre-Conference Short Course Registration at the Heldrich Hotel\*\*

\*\*Registration for Short Courses will be located in the Lobby of the Heldrich Hotel. Both Short Courses will be located at Rutgers University Cell and DNA Repository. Roundtrip complimentary shuttle service will be provided for both short course attendees. The shuttle will depart from the Heldrich Hotel Lobby at 1:00pm for Short Course One and 3:15pm for Short Course Two.

### SHORT COURSE ONE

#### 1:30 IM: Conquering the Complexity of Biobanking

Biobanks provide the resource for researchers to increase our understanding of complex disease. Biosample resources come together through a complex chain of cooperation across collection, preservation, storage, retrieval, and research. The value of these biosamples lies not only in the samples themselves but with the metadata associated with each specimen. Information Management (IM) helps simplify data from inventory management to database integration through to data analysis. Learn from biobank managers and IT professionals as they share their experience of conquering the complexity of biobanking.

#### Designing the IM system to meet and adjust to growth:

- Inventory management
- Data capture and data tracking
- Quality control
- Chain-of-custody
- Integration of instrumentation and automation systems
- Improving operations
- Data sharing
- Data mining

#### Instructors:

*Pedro Rondot Radío, Executive Director, Public National Oncologic Serum Biobank, University of Buenos Aires*  
*Rao Mulpuri, Director, Center for Translational Research, CIRI, Catholic Health Initiatives*

### 3:30 Combined Refreshment Break

### 5:00 Main Conference Registration at the Heldrich Hotel

### 6:00 Opening Reception \*\*

Join your peers and colleagues for an evening of networking at Rutgers University Cell and DNA Repository. Enjoy a tour of the facility and complimentary cocktails and hors d'oeuvres.

\*\*Roundtrip complimentary shuttle service will be provided for all conference delegates. The shuttle will depart from the Heldrich Hotel Lobby at 5:30 & 5:45.

### 7:30 Close of Day

## WHO SHOULD ATTEND?

Biorepository/biobank directors and managers, program development managers, IM managers, biospecimen processing and storage technicians, lead scientists from medical, biotechnical, and pharmaceutical companies providing/requesting samples from a biobank.

### STAY CONNECTED



### POSTER INFORMATION

Cambridge Healthtech Institute encourages attendees to gain further exposure by presenting their work in the poster sessions. To secure a poster board and inclusion in the conference materials, your abstract must be submitted, approved and your registration paid in full by **October 12, 2011**.

Reasons you should present your research poster at this conference:

- Your poster will be exposed to our international delegation
- Receive \$50 off your registration
- Your poster abstract will be published in our conference materials
- Your research will be seen by leaders from top pharmaceutical, biotech, academic and government institutes

### SHORT COURSE TWO

#### 3:45 Lab Automation: Hands-On through Hands-Off Biobanking *How Do You Invest in the Future?*

A well managed biobank is an investment that pays dividends. Biobanks create repositories of biological specimens for further biomolecular investigations. The sample types collected, preserved, stored, and distributed can be extremely diverse. Thus, laboratory automation is a critical component for handling ever increasing demands.

#### Where does it make fiscal and scientific sense to automate the process?

- Laboratory design
- Workflow implementation
- Maintaining compliance
- Developing SOPs
- Quality control
- ROI

Learn from the experiences of managers, technicians, and equipment providers as they share their experience of hands-on through hands-off biobanking.

Short course will include an on-site tour and hands-on laboratory experience at the Rutgers University Cell and DNA Repository.

#### Instructors:

*Ellis Gitlin, Director of Sales, Hamilton Storage Technologies*  
*Melissa Rawley-Payne, Assistant Director, CTSI Biorepository, Department of Pathology, Immunology, & Laboratory Medicine, University of Florida College of Medicine*

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## MONDAY, NOVEMBER 7

7:30 am Conference Registration and Morning Coffee

### PLENARY SESSION – IT TAKES A VILLAGE

(Combined Session)

#### 8:15 Chairperson's Opening Remarks



#### 8:30 Tissue Banking, Specimen Evaluation, and Scientific Advancement: The Pathologist's Point of View

*Sandra A. McDonald, M.D., Associate Director, Laboratory for Translational Pathology, Washington University School of Medicine*

Pathologists play key roles in the operation of research tissue banks, whether academic or industrial. Recognition of these roles by the user community is crucial to the full utilization of the resource. Besides interpreting studies that are performed on banked samples, pathologists conduct quality assurance programs, assist with resource allocations, educate investigators who use the tissue resource, and evaluate tissue samples for their potential utility in research. Interaction and communication initiatives are critical to the success of these roles.

#### 9:05 Speaker to be Announced



#### 9:40 A Trial Lawyer's Perspective on Biobank and Medical Research Litigation

*Daniel D. Harshman, Lawyer, Cozen O'Connor*

The rising tide of biotechnology has resulted in an increasing number of lawsuits concerning medical research, clinical trials or experimental medical treatments. When lawsuits involve cutting-edge, scientific methods or experiments, courts struggle to apply statutes and traditional legal principles to these disputes. This presentation offers a trial lawyer's perspective of how researchers or biobanks may become involved in lawsuits, how judges or juries decide complicated issues and suggestions to help you understand, avoid or prepare for such lawsuits.

#### 10:15 Networking Coffee Break in the Exhibit Hall with Poster Viewing



#### 11:00 Commercial Biobanking in an Academic Setting: Exploring the Scientific and Fiscal Boundaries of Biosample Resources

*Andrew Brooks, Ph.D., COO, RUCDR; Associate Professor, Genetics, Rutgers University*



#### 11:35 Challenges in Sampling and Storage of DNA: A Pharmacogenetics Perspective

*Terrye DelMonte, Senior Research Scientist II, Bristol Myers Squibb*

Generating laboratory data is typically considered a straightforward part of most clinical trials; however, getting patients to submit samples for genetic testing is another issue. In today's world, there are numerous concerns over privacy and long term storage of DNA samples which can lead to low patient enrollment. The purpose of this presentation will be to discuss topics specifically relating to pharmacogenetic sampling: acquiring adequate patient enrollment, concerns of long term storage of DNA, unique challenges which Pharma companies face versus academic institutions and country specific sampling issues.

#### 12:10 pm Close of Session

12:15 Luncheon Presentation (Sponsorship Opportunity Available) or Lunch on Your Own

## The BUSINESS of Biobanking

### IT: INFRASTRUCTURE

#### 2:00 Chairperson's Remarks

#### 2:05 Proposed Virtual BioRepository Platform for Distributed Research Networks

*Alexander Sherman, Director, System, Institute for NeuroTherapeutic Investigational Trials, Massachusetts General Hospital*

Research network of 90+ academic institutions has multiple member BioBanks. A Web-based platform was designed and built for managing distributed biological samples. This is a unique approach in managing multiple biobanks at multiple locations while knowing the inventory across the research network and being

## The SCIENCE of Biobanking

### WORKFLOWS/AUTOMATION

#### 2:00 Chairperson's Remarks

#### 2:05 Biobanking: The Past, Present and the Future

*Stella Somiari, Ph.D., Senior Director, Windber Research Institute; Director, Windber Research Institute Tissue Bank*

There are now well established and emerging institutional core biobanks and commercial biobanks that are changing the way biospecimens are acquired, stored and distributed. Unfortunately, it remains a challenge to obtain enough good quality, well annotated and certain types of biospecimens on demand, and within budget, an indication that demand exceeds supply or the

able to search for samples based on the data from heterogeneous data sources such as clinical trials, biomarker studies and patients records. This is the first virtual network to “cover” a major neurological disease, Amyotrophic Lateral Sclerosis (Lou Gehrig’s Disease), and may serve as a model for academic and industry collaboration in biomarkers discovery and validation.

### **2:35 Streamlining the Scientific Review**

*Elizabeth Wagner, Scientific Program Coordinator, Transfusion Medicine & Cellular Therapeutics, NIH NHLBI*

The National Heart, Lung, and Blood Institute (NHLBI) is the custodian of multiple historical and contemporary biospecimen collections from NHLBI funded research and clinical studies. All biospecimen requests are reviewed for the significance and appropriateness of the proposed research, study design, the qualifications of the investigators to do the research, the availability of research funding, the availability of biospecimens, and the ethical and legal considerations. The BioLINCC IT infrastructure that was developed to streamline the scientific review of biospecimen requests will be presented.

### **3:05 Development and Applications of Informatics Tools to Enhance Biobanking and Translational Research**

*Anil V. Parwani, M.D., Ph.D., Division Director, Pathology Informatics, Staff Pathologist, Shadyside Hospital, University of Pittsburgh Medical Center Biomarkers*

Successful biobanking requires not only the collection and timely delivery of high quality biospecimens for researchers but also simultaneous annotation and de identification of these biospecimens which can be easily accessible to the research community. The focus of this talk will be on the development and use of disease specific databases and new and emerging technologies such as digital imaging to enhance biobanking to support translational research.

### **3:35 Selected Poster Presentation: Engaging Diverse Campus Biobanks in the Selection of an Enterprise-Wide Biobanking Information System (BIMS)**

*Helena Ellis, Director, Duke Biobank, Duke Translational Research Institute, Duke University*

### **3:50 Networking Refreshment Break in the Exhibit Hall with Poster Viewing**

### **4:30 The Challenge of Having High Quality Clinical Follow-Up Information Linked to Biospecimens**

*Iman Osman, M.D. Associate Director, NYU Cancer Institute; Director, Interdisciplinary Melanoma Program; Associate Professor, New York University School of Medicine*

Recently, there has been a major emphasis on recording clinical information at the time of specimen acquisition. However, linking biospecimens to clinical follow-up is only routine as part of intervention-based clinical trials. This is in part done to allow for standardization of procedures and large sample size for phase III clinical trials. This talk will focus on the challenge of obtaining extended clinical follow-up information that is linked to a prospective biospecimen database.

current biobanking workflow process does not satisfy the needs of all researchers. To be well positioned to meet the anticipated increase in demand and future needs of researchers, biospecimen banks will have to re-examine the way biospecimens are collected, stored and distributed.

### **2:35 Real Time Temperature Monitoring and Alarm System to Improve Quality Management of Biobanks**

*Halla Hauksdottir, Biomedical Scientist, Safety and Quality Manager, Clinical Biobanks, Diagnostic Medicine, Landspítali, University Hospital*

An important feature in good biobanking practices is to monitor and log conditions of sample storing devices. Continuous temperature monitoring of biobanking freezers has been implemented using Vista Data Vision (VDV) applications in the Division of Diagnostic Medicine at Landspítali University Hospital in Reykjavik. The automatic data logging into a database and the alarm service through automated e-mail and/or text to selected staff members is most important for quality management of our Biobank, and furthermore, the easy web access to all trend lines and data and the alarm handling is of great value for monitoring freezer quality. This talk will focus on the implementation of the monitoring network and the effects of this monitoring on the overall quality management in the biobank.

### **3:05 Biospecimen Quality Control for Today’s Genomics Laboratories**

*Belynda D. Hicks, Director, Quality Management, Genetics and Genomics, Advanced Technology Program, SAIC-Frederick, Inc., National Cancer Institute at Frederick*

Current genomic technologies demand biospecimens that are well characterized and well qualified for downstream analysis. As the technologies supporting genotyping and sequencing progress, development of appropriate sample acceptance criteria becomes an iterative process. Some advances in technology may result in less restrictive criteria while other applications in single molecule and targeted sequencing techniques may demand more specific sample attributes. A robust and predictive quality control process that addresses sample, subject and project level characteristics is a critical component of a quality management system in today’s genomics laboratories.

### **3:35 Selected Poster Presentation: University of Colorado Skin Cancer Biorepository: Building a Better Cancer Research Biobank**

*Steven Robinson, Research Manager, Skin Cancer Biorepository, Division of Medical Oncology, University of Colorado Anschutz Medical Campus*

### **3:50 Networking Refreshment Break in the Exhibit Hall with Poster Viewing**

## **BIOMARKERS**

### **4:30 Early Detection Biomarkers for Ovarian Cancer**

*K. Stephen Suh, Ph.D., Director, Genomics and Biomarkers Program, The John Theurer Cancer Center, Hackensack University Medical Center*

The mortality from ovarian cancer in the United States is greater than all gynecologic cancers combined due to late detection and



### 5:00 Keynote Presentation: Role of Common and Rare Genetic Variants in Health and Disease



*Hakon Hakonarson, M.D., Ph.D., Center for Applied Genomics, Children's Hospital of Philadelphia*

Both common and rare genetic variants play a role in health and disease. GWAS has been extremely fruitful in identifying common variants that associate with various complex diseases and rare copy number variants (CNVs) have been shown to be disease causing for a small proportion of multiple complex diseases. However, we and others have shown that common GWAS variants have the ability to capture rare variants that are causative in a small proportion of patients. This presentation will include several examples of the latter (referred to as synthetic association), and will discuss the role of rare CNVs in health (protective role) and disease (causative role), in studies comparing CNVs between healthy children and old individuals.

5:30 Welcome Reception in the Exhibit Hall with Poster Viewing

6:30 Close of Day

## TUESDAY, NOVEMBER 8

7:30 am Breakfast Presentation (*Sponsorship Opportunity Available*)

### 8:15 Biobanking Brainstorming Breakout Discussion Groups

Grab a cup of coffee and join a table discussion. These focused groups are designed for conference participants to discuss important and interesting topics related to biospecimens from procurement, preservation, biomolecular extraction, and biomarkers. These are moderated discussions with brainstorming and interactive problem solving, allowing conference attendees from diverse areas to exchange ideas, experiences, and develop future collaborations around a focused discussion topic.

## The BUSINESS of Biobanking

### CONSENT

#### 9:45 Chairperson's Remarks

*Pedro Rondot Radío, Executive Director, Public National Oncologic Serum Biobank, University of Buenos Aires*

#### 9:50 DNA Sequencing and Non-Anonymous Donation: Navigating Informed Consent Issues and Unforeseen Consequences

*Lisa Dinhofer, Consultant, Koden Consulting Services, LLC*  
Balancing the needs of medical research with utility, patient autonomy, confidentiality and informed consent, with respect to the advances of DNA sequencing and the desire for non-anonymous donation, is becoming increasingly challenging. This presentation will address the current standards for informed consent and the potential risks of unforeseen consequences associated with non-anonymous donation, giving particular emphasis to pediatric cases.

10:20 Networking Coffee Break in the Exhibit Hall with Poster Viewing

complex nature of the disease. Current situation necessitates urgent need of robust biomarkers with high sensitivity and specificity for early detection of ovarian cancer for the purpose of routine screening. With combination of bioinformatics-guided approach, biobank samples and sequential screening against a library ovarian cancer cell lines and cancer patient samples, we have identified early detection biomarkers for stage I/II of ovarian cancer at the level of tissue and peripheral blood.

### 5:00 KEYNOTE PRESENTATION: Role of Common and Rare Genetic Variants in Health and Disease



*Hakon Hakonarson, M.D., Ph.D., Center for Applied Genomics, Children's Hospital of Philadelphia*

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5:30 Welcome Reception in the Exhibit Hall with Poster Viewing

6:30 Close of Day

## The SCIENCE of Biobanking

### BIOPRESERVATION

#### 9:45 Chairperson's Remarks

*Joe Don Heath, Ph.D., Vice President Global Technical Services, NuGEN Technologies*

#### 9:50 Systematic Development of Cryopreservation Strategies for Natural and Artificial Tissues

*Athanassios Sambanis, Ph.D., Professor, Chemical & Biomolecular Engineering, Biomedical Engineering, Georgia Institute of Technology*

Development of rigorous protocols for cryopreservation is critical, especially for three-dimensional tissues and ice-free cryopreservation (vitrification). We present guidelines on how one can measure important properties of the cells and tissues, including cryoprotectant (CPA) permeability through cell membranes, diffusivity through tissue matrix, and cytotoxicity towards cells. The development of protocols using these parameter values is then addressed. Examples discuss the application of conventional freezing and vitrification on natural and artificial tissues and their evaluation post-preservation *in vitro* and *in vivo*.

## POPULATION AND SPECIALIZED BIOBANKS

### 11:00 The UF DBS-Brain Tissue Network

*Vinata Vedam-Mai, Ph.D., Researcher, Neurosurgery, McKnight Brain Institute, University of Florida*

The University of Florida Brain Tissue Network for DBS tissue was created with the idea to make available to researchers well collected, and catalogued samples for a variety of research purposes. We are striving to improve sample collection to include complete clinical data and include frozen tissue samples for molecular research purposes.

### 11:30 The Rewards and Perils of Biobanking in the Stem Cell Era: A Brave New World

*Michael Sheldon, Ph.D., Research Assistant Professor & Assistant Managing Director, RUDCR, Rutgers*

The emergence of stem cell technologies, in particular methods to "reprogram" differentiated adult cells to a pluripotent state, has opened up important new vistas for basic as well as translational research. The biobanking community will play a central role in both of these, facilitating the widest possible dissemination of resources to researchers and the assurance of sample quality. This talk will focus on the key challenges of stem cell biobanking, including consent, tissue processing, reprogramming source cells to stem cells, and all-important quality control. We will also consider the business opportunities presented, such as the types of services that are offered and the diversity of clients.

### 12:00 pm Networking Lunch in the Exhibit Hall with Poster Viewing

10:20 Networking Coffee Break in the Exhibit Hall with Poster Viewing

## ENABLING TECHNOLOGIES

### 11:00 Integrating Laser Capture Microdissection and Tissue Biorepository for Cancer Research

*Angen Liu, M.D., Ph.D., Director, Tissue Biorepository, Hollings Cancer Center, Medical University of South Carolina*

An important need of many cancer research projects is the availability of high-quality, appropriately selected tissue. Tissue biorepositories provide investigators with an invaluable resource of appropriately examined and characterized tissue specimens and linked patient information for further use in fundamental and translational cancer research. Laser capture microdissection (LCM) is a state-of-the-art technology that provides the scientific community with a rapid and reliable method to isolate a homogeneous population of cells from heterogeneous tissue specimens. The combination of LCM and a tissue biorepository offers a comprehensive means by which researchers can utilize valuable human biospecimens and cutting-edge technology to facilitate basic, translational, and clinical research.

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### 11:30 Timeless Treasures: Preserving the Present and Future Value of Biological Samples

*Joe Don Heath, Ph.D., Vice President Global Technical Services, NuGEN Technologies*

Conversion of valuable RNA samples to cDNA assures their long term stability for future molecular profiling studies in drug discovery and clinical research. We will describe an efficient and flexible archiving solution requiring low nanogram amounts of total RNA that preserves and extends RNA samples for future genomic analysis on a variety of platforms and applications.

### 12:00 pm Networking Lunch in the Exhibit Hall with Poster Viewing



## CLOSING PLENARY SESSION

### 1:30 Biopreservation Protocols Panel

All agree that biopreservation protocols can affect the biomarker (DNA, RNA, protein) of interest. However, there is no consensus. The Biopreservation Protocols Panel provides a forum to determine these effects and provide recommendations on the best protocols to preserve and store these precious biosamples. Join research scientists and managers of biobanks to start this critical dialogue.

*Moderator:*

*Andrew Brooks, Ph.D., COO, RUCDR; Associate Professor, Genetics, Rutgers University*

*Panelist:*

*Pedro Rondot Radío, Executive Director, Public National Oncologic Serum Biobank, University of Buenos Aires*

*Rao Mulpuri, Director, Center for Translational Research, CIRI, Catholic Health Initiatives*

*Zackery Riley, Manager, Tissue Procurement and Process Development, Allen Institute for Brain Science*

*Belynda D. Hicks, Director, Quality Management, Genetics and Genomics, Advanced Technology Program, SAIC-Frederick, Inc., National Cancer Institute at Frederick*

*Joe Don Heath, Ph.D., Vice President Global Technical Services, NuGEN Technologies*

### 2:30 Networking Refreshment Break, Last Chance for Exhibit and Poster Viewing

## CASE STUDY: BIOBANKER/BIOUSER PARTNERSHIPS

This session brings together scientists who use biospecimens for research ("biusers") with operation managers who collect, process, store, and distribute the biospecimens ("biobankers"). During a co-presentation, biobankers and biusers elaborate on the characteristics of their working partnership as they address the following issues:

- How does the partnership work?
- What are the bottlenecks?
- What does each bring to the table?
- What are the needs?
- Ultimately, what are the scientific results?

*(Sponsorship Opportunities Available)*

### 3:00 Case Study Co-Presentation

*Martin Frey, Ph.D., Senior Product Manager Storage Technologies, HAMILTON Bonaduz AG*

*Mohammed Ali Al Jumah, Ph.D., Executive Director, King Abdullah International Medical Research Center National Guard Health Affairs, Saudi Arabia*

*Mark Rahe, AIA, CDT, LEED AP, Associate Principal, Science + Technology, Perkins+Will*

Our architects will discuss advances in the design of biobank facilities relative to advances in equipment automation. The presentation will explore in depth their latest biobank facilities in Saudi Arabia. We will examine how facility design can better support a variety of research opportunities.

### 3:45 Case Study Co-Presentation: Future of Virtual Biobanking - Past isn't Prologue

*David Carpentieri, M.D., Senior Principal Scientist, Pathology, Phoenix Children's Hospital*

*Jungdae Kokotov, Delivery Manager, Biospecimen Practice, 5AM Solutions*

5AM will describe how the state of Arizona designed a statewide virtual biospecimen repository, how we were able to evolve the solution to other arenas, and what we believe the future to be. David Carpentieri of Phoenix Children's will discuss the need for virtual biobanking, how Phoenix Children's plans to participate and discuss how this need is acutely felt in the rare disease world. The discussion is ideal for organizations interested in using the web to find and share tissue, creating biospecimen collaborations, and recovering the cost of tissue acquisition, storage and management

### 4:30 Case Study Co-Presentation: Selection and Characterization of Genomic DNA Reference Materials for Pharmacogenetic Testing

*Victoria M. Pratt, Ph.D., Chief Director, Molecular Genetics, Quest Diagnostics Nichols Institute*

*Steven J. Madore, Ph.D., Director, Molecular Biology Laboratory, Coriell Institute for Medical Research*

The major research activity at Coriell is the Coriell Personalized Medicine Collaborative® (CPMC®). This research study draws upon a person's genomic information in the form of single nucleotide polymorphisms (SNPs) to assign disease risk and to identify common genetic variants associated with human variability to drug response (pharmacogenomics or PGx). To address this need the Center for Disease Control and Prevention (CDC)-based Genetic Testing Reference Materials Coordination Program (GeT-RM), in association with the Association of Molecular Pathology (AMP) and the Coriell Institute, characterized 107 genomic DNAs from the Coriell Biobank for five pharmacogenetic loci (CYP2D6, CYP2C19, CYP2C9, VKORC1, and UGT1A1) using a variety of assay platforms in multiple pharmacogenetic testing laboratories.

### 5:15 Conference Wrap-Up

### 5:30 Close of Conference

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Present your scientific research and solutions for 15 or 30 minutes as part of the conference program, ensuring that your audience is seated and ready to listen.

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Invite session delegates to enjoy lunch on your company's behalf while you give a 30-minute presentation. Your workshop is concluded with 15 minutes of Q&A, allowing you to interact with your customer base.

### Invitation-Only VIP Dinner/Hospitality Suite

Sponsor will select invitees from the conference pre-registration list for an evening of networking at the hotel or a top local venue. CHI will extend invitations, conduct follow-up and monitor responses. Reminder cards will be placed in the badges of those delegates who will be attending.

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Includes 15-minute or 30-minute podium presentation during pre conference workshop, as well as your company logo displayed on pre-conference workshop materials and onsite signage.

### Exhibitor Information

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**Manager, Business Development**

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With the utilization of a technologically advanced infrastructure and the highest quality biomaterials available, Rutgers University Cell and DNA Repository (RUCDR) has become the world's leading organization in support of genetic research. We have established over 200,000 cell lines and extracted and distributed over 1,000,000 DNA samples worldwide since inception. [www.rucdr.org](http://www.rucdr.org)

## TRAVEL & HOTEL INFORMATION

### The Heldrich Hotel

10 Livingston Avenue

New Brunswick, NJ 08901

Tel: 732-729-4670

[www.theheldrich.com](http://www.theheldrich.com)

**Discounted Room Rate** \$159 S/D

**Discounted Cut-off Date** October 7, 2011

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### Flight Discounts

To receive a 5% or greater discount on all American Airline flights please use one of the following methods:

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- Call HERTZ, 800-654-3131 use our Hertz Convention Number (CV): 04KL0002
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# Leaders in Biobanking CONGRESS 2011

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### SHORT COURSE PRICING

	Commercial	Academic, Government, Hospital-affiliated
One Short Course	\$495	\$295
Two Short Courses	\$795	\$495

Sunday, November 6	
1:30 pm	3:30pm
SC1: LIMS: Conquering the Complexity of Biobanking	SC2: Lab Automation: Hands-On through Hands-Off Biobanking

### CONFERENCE PRICING

	Commercial	Academic, Government, Hospital-affiliated
Early Registration Discount until August 19	\$1595	\$795
Advance Registration Discount until September 30	\$1745	\$875
Registration after September 30 and on-site	\$1945	\$945

### CONFERENCE DISCOUNTS

#### Poster Submission-Discout (\$50 Off)

Poster abstracts are due by October 12, 2011. Once your registration has been fully processed, we will send an email containing a unique link allowing you to submit your poster abstract. If you do not receive your link within 5 business days, please contact [jring@healthtech.com](mailto:jring@healthtech.com). \* CHI reserves the right to publish your poster title and abstract in various marketing materials and products.

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Additional discounts are available for multiple attendees from the same organization. For more information on group rates contact David Cunningham at +1-781-972-5472

### ADDITIONAL REGISTRATION DETAILS

Each registration includes all conference sessions, posters and exhibits, food functions, and a copy of the conference proceedings link.

**Handicapped Equal Access:** In accordance with the ADA, Cambridge Healthtech Institute is pleased to arrange special accommodations for attendees with special needs. All requests for such assistance must be submitted in writing to CHI at least 30 days prior to the start of the meeting.

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