



MAY 9-12, 2017
WESTIN HARBOUR CASTLE HOTEL

PRELIMINARY PROGRAM



Connecting Repositories Globally through Best Practices
Leading since 1999

Monday, May 8, 2017

8:30am-5:30pm	ISBER Board of Directors Meeting (<i>Invitation Only</i>)	Pier 9
1:00pm-5:30pm	Marble Arch Meeting (<i>Invitation Only</i>)	Pier 7&8
4:00pm-7:00pm	Registration Open	Bay
4:00pm-7:00pm	Speaker Services Open	Queens Quay
5:30pm-7:00pm	Biopreservation and Biobanking Editorial Board Meeting (<i>Invitation Only</i>)	Pier 7&8
7:30pm-10:00pm	ISBER Board of Directors Dinner (<i>Invitation Only</i>)	Offsite

Tuesday, May 9, 2017

6:30am-6:30pm	Registration Open	Bay	
6:45am-8:45am	Coffee and Pastries		
7:00am-5:00pm	Speaker Services Open	Queens Quay	
7:00am-8:00am	Committee Meetings (<i>Invitation Only</i>)		
	Pier 2	Pier 3	Pier 4
	Publications Advisory Committee	Education and Training Advisory Committee	2017 Program Committee and 2018 Program Committee
8:00am-9:00am	Getting to Know ISBER Find out more about ISBER and get the chance to interact with new members. All meeting participants welcome and encouraged to attend. Chairpersons: Kathi Shea (USA) and Rita Lawlor (Italy)		Frontenac
9:15am-12:15pm	Symposium 1 : Polar Shift: How Biobanking is Changing Our Thinking and the World Chairpersons: Alison Parry-Jones (United Kingdom) and Monique Albert (Canada) This plenary session will focus on demonstrating how biobanking has changed, and is still changing the world. The talks will highlight how evidence derived from biobanking, and its associated practices, is shown to be instrumental in new discoveries, new processes, and new ways of thinking that are changing practices in medicine, agriculture and environmental arenas. It's about showing the successes, and lessons learned from the last 20 years that are now informing the wider scientific community and pushing back the boundaries. It's why we're all here...		Frontenac

Tuesday, May 9, 2017

	9:15am-9:30am	ISBER Welcome and Opening Remarks Brent Schacter, ISBER President, 2016-2017	
	9:30am-10:15am	Keynote Lecture: A Search & Rescue mission for the Genes to Feed a Hot and Crowded Planet Hannes Dempewolf (Germany)	
	10:15am-10:45am	Coffee Break	
	10:45am-11:15am	What's Under the Hood? The Hidden Wiring of Tumors Revealed with Pan-Cancer Analysis Joshua Stuart (USA)	
	11:15am-11:45am	Metagenomics Discoveries from Subways to Space Christopher Mason (USA)	
	11:45am-12:15pm	The NASA Ames Life Sciences Data Archive: Biobanking for the Final Frontier Jon Rask (USA)	
11:00am-8:00pm	Custom Exhibit Builds (by request only)		<i>Metropolitan</i>
12:15pm-1:30pm	General Lunch in the Foyer		
12:20pm-1:20pm	Updates on the Changes to the Common Rule Chairperson: Marianna Bledsoe (USA) Hear the latest on the changes to the Common Rule and their impacts on your daily operations! Presenter: Michele Russell-Einhorn (USA)		<i>Harbour</i>
12:20pm-1:20pm	Roundtable discussions Sign up to join us at a roundtable to discuss the latest hot topics in biobanking!		<i>Pier 4&5</i>
1:30pm-4:00pm	Symposium 2A (Concurrent) – To Tell or Not To Tell: The Practical Aspects of Returning Individual Research Results and Incidental Findings to Participants Chairpersons: Marianna Bledsoe (USA) and Catherine Kennedy (Australia) There has been considerable discussion and many publications in the literature about the return of research results and incidental findings to participants who have contributed their specimens for research. Much of this discussion has focused on the ethical arguments for and against returning research results and incidental findings, when findings should be returned and some of the practical implementation problems with doing so. In this session, biobankers will share their policies and actual experiences with returning research results to participants, challenges that they faced and approaches that they used to overcome them. The session will consist of a series of short presentations followed by an extensive interactive panel and audience discussion period.		<i>Frontenac</i>
	1:30pm – 1:45pm	Obtaining Research Results: A review of the Experience of One Individual vs One IRB Michele Russell-Einhorn (USA)	

Tuesday, May 9, 2017

	1:45pm – 2:00pm	Lost in translation: Returning Germline Genetic Results in Genome-Scale Cancer Research Amber Johns (Australia)	
	2:00pm – 2:15pm	Returning Medically Actionable Research Results in the Geisinger MyCode Community Health Initiative William A. Faucett (USA)	
	2:15pm – 2:30pm	Return of Results: Experience from the Telethon Network of Genetic Biobanks Mirella Filocamo (Italy)	
	2:30pm – 3:00pm	Coffee Break	
	3:00pm-3:15pm	Industry Perspective – Where do we fit against proposed frameworks for feedback of results? Kristin Goldring (United Kingdom)	
	3:15pm-4:00pm	Panel Discussion	
	Symposium 2B(Concurrent) – Liquid Specimens - New Frontier for Applications of Emerging Technologies Chairpersons: Dianne Chadwick (Canada) and Teresa Selander (Canada)		<i>Harbour</i>
	Analyses of “Liquid Specimens” focusing on the analysis of circulating tumor cells (CTCs), circulating cell-free nucleic acids (DNA, RNA, miRNA) and exosomes in body fluids (e.g., blood, urine, cerebrospinal fluid) of patients has received enormous attention because these procedures are less invasive than tissue biopsies and allow real-time monitoring of dynamic changes in disease conditions. Analyses of “Liquid Specimens” have paved new diagnostic avenues with obvious clinical implications for personalized medicine. The present session will focus on key areas of the emerging technologies, current applications and future perspectives of “Liquid Specimens” including detection of cancer, prenatal diagnostics, and organ transplant rejection.		
1:30pm-4:00pm	1:30pm – 1:40pm	Introduction Klaus Pantel (Germany)	
	1:40pm – 2:00pm	Clinical Implications of Liquid Biopsy in Cancer Patients Klaus Pantel (Germany)	
	2:00pm – 2:30pm	Detection, Characterization and Ex Vivo Expansion of Viable Circulating Tumor Cells Catherine Alix-Panabieres (France)	
	2:30pm – 3:00pm	Coffee Break	
	3:00pm – 3:20pm	Live Cell Leukemia Bank-Evolving Ethics Mark Minden (Canada)	

Tuesday, May 9, 2017

	3:20pm-3:40pm	Application of Proteomics-Based Technologies for the Analysis of Biofluids Ana Konvalinka (Canada)			
	3:40pm-4:00pm	Maternal Peripheral Blood Leukocytes as Biomarkers of Pregnancy Complications Oksana Shynlova (Canada)			
4:00pm-8:00pm	General Exhibitor Installation				
4:15pm – 5:15pm	Special Topic Session – What's on the Horizon: Emerging Tools in Biobanking and Biospecimen Research Chairpersons: Piper Mullins (USA), Sheila O'Donoghue (Canada), Elizabeth Matzke (Canada)			Frontenac	
	This session will focus on how researchers are developing new biobanking tools/methodologies to improve research. The presentations will describe the new methodologies and techniques, their impact on research, and strategies for incorporating these new innovations into biobank operations. The audience will benefit from a discussion on how each tool can be adapted to or used by other projects.				
	4:15pm – 4:35pm	B3Africa 's "eB3Kit": An Informatics Platform Erik Bongcam-Rudloff (Sweden)			
	4:35pm – 4:55pm	The Global Biodiversity Information Facility (GBIF) and Its Role as an Aggregator of Environmental Biorepository Data Robert Hanner (Canada)			
	4:55pm – 5:15pm	Being Global Allies for the Sharing of Genomic and Health-Related Data Vasiliki Rahimzadeh (Canada)			
5:15pm – 6:15pm	Working Group Meetings (Open to all Participants)				
	Pier 2	Pier 3	Pier 4	Pier 5	
	Enviro-Bio Working Group	Hospital-Integrated Biorepositories Special Interest Group	Biospecimen Science Working Group (<i>Invitation Only</i>)	Automated Repositories Special Interest Group	

Wednesday, May 10, 2017

6:00am-7:30am	ISBER 5K Run/Walk/Sleep (Separate Registration Required) Meet in the Westin Harbour Castle lobby to be escorted to the starting point for a beautiful run/walk through the Toronto Harbour area.
7:00am-7:45am	Coffee & Pastries

Wednesday, May 10, 2017

7:00am-4:30pm	Speaker Services Open	Queens Quay
7:00am-6:00pm	Registration	Bay
7:00am-4:15pm	General Exhibitor Installation	Metropolitan
7:45am-8:45am	Platinum Corporate Partner Workshops (<i>Open to all participants</i>)	
	Pier 2&3	
	Workshop 1A – ATCC®	
	MJFF and ATCC® Partnering for Success	
	Maryellen de Mars (USA), Liz Kerrigan (USA) and Nicole Polinske (USA)	
9:00am-12:00pm	Symposium 3A (Concurrent Sessions) – Spotlight on Innovation in Social Sustainability: Developing Evidence-Driven Best Practices in Biobanking Chairpersons: Daniel Simeon-Dubach (Switzerland), Marianne Henderson (USA), Kirstin Goldring (United Kingdom)	
	<i>This session will utilize an interactive survey through the ISBER 2017 mobile app – be sure to download the app in advance to participate!</i>	
	Biobank Sustainability consists of focus and attention on the Financial, Operation and Social aspects to be successful. This 2017 ISBER symposium focuses on importance of stakeholder involvement and engagement to develop and maintain social sustainability of biobanks in all sectors. Topics that will be presented and discussed include communications with stakeholder communities; social networking strategies; development of strategies/business planning to ensure long-term quality and value for contributor and user communities.	
	9:00am-9:10am	Introduction to Social Sustainability Symposium
	9:10am-9:35am	Sustaining Biobanks in Cancer Research - Lessons Learned by the Terry Fox Research Institute Victor Ling (Canada)
	9:35am-10:00am	The Importance of Reciprocal Transparency between Bio Bank and End Users of Samples Ann Cooreman (United Kingdom)
	10:00am-10:25am	Crop Genebanks: Sustainability through Joint Action Hannes Dempewolf (Germany)
10:25am-10:30am	Opening of Interactive Survey on Sustainability	
10:30am-11:00am	Coffee Break	Frontenac

Wednesday, May 10, 2017

	11:00am-11:25am	Marketing Biobanking Concept Using Social Media: Engaging Stakeholders with a Click Ahmed Samir Abdelhafiz (Egypt)	
	11:25am-12:00pm	Panel Discussion	
9:00am-12:00pm	Symposium 3B (Concurrent Sessions) – Biospecimen Quality for the Next Generation: Innovations and Implications Chairpersons: Nigel Brockton (Canada) and Bonginkosi Duma (South Africa)		<i>Harbour</i>
	<p>Biospecimens are the essential substrates for the "Next Generation" sequencing technologies that have revolutionized genomics and molecular biology. This session will present the reciprocal impacts of biospecimen quality on Next Generation technologies, the diverse applications and quality considerations associated with these technologies and the anticipated future demands and best practices.</p>		
	9:00am-9:30am	Opportunities and Challenges in Tissue Procurement for Personalized Oncogenomics Andrew Mungall (Canada)	
	9:30am-10:00am	Enhancing Bovine Genomic Research through High Quality Banked Genetic Materials in South Africa Avhashoni Zwane (South Africa)	
	10:00am-10:30am	Use of Genetic Markers to Evaluate DNA Sample Quality in Biobanks Victor Alejandro Iglesias (Switzerland)	
	10:30am-11:00am	Coffee Break	
	11:00am-11:30am	Tomorrow's Needs for Biospecimens in Pharma Research Pascal Puchois (Canada)	
	11:30am-12:00pm	Panel Discussion	
12:00pm-1:30pm	General Lunch in the Foyer		
12:15pm-1:15pm	Lunch Corporate Symposium – Global Specimen Solutions		<i>TBC</i>
1:30pm-2:30pm	Innovative Technologies Chairpersons: Andy Zaayenga (USA) and David Lewandowski (USA)		<i>Frontenac</i>
	1:30pm-1:35pm	Introduction	
	1:35pm-1:40pm	Albumin Oxidizability as a Metric of Blood Plasma/Serum Integrity Chad Borges, Arizona State University (USA)	

PRELIMINARY PROGRAM

	1:40pm-1:45pm	Liquid Biospecimen Volume-Specific Cryopreservation and Aliquoting without Freeze-Thaw Amanda Riffel, Children's Mercy Hospital (USA)
	1:45pm-1:50pm	Counting the Costs: The True Price of Manual and Automated Cold Storage Paul Lomax, TTP Labtech (United Kingdom)
	1:50pm-1:55pm	Ultimate Sample Storage – The New Panasonic TwinGuard Helps Biorepositories Become More Efficient Joe LaPorte, Panasonic Healthcare (USA)
	1:55pm-2:00pm	Brooks ISIDOR Portal: Bringing Efficiency and Usability to Biobanking Applications Colin Thurston (United Kingdom)
	2:00pm-2:05pm	Secure High-Density Automated Sample Storage in a Small Footprint Jim Doherty, Hamilton Storage (USA)
	2:05pm-2:10pm	AQIX® RS-I patented fluid technology - Significant increases in viability reported for Procurement Time of Human Liquid and Solid Biopsies Douglas Rees, Aqix Ltd. (United Kingdom)
	2:10pm-2:15pm	The Marketplace for Human Biospecimen Collections: Biorepositories in the Cloud to Fuel Research Christopher Ianelli, iSpecimen (USA)
	2:15pm-2:20pm	BioLix™ SAB: A Novel Automated Storage Platform To Increase Biosample Utilization Steve Broach, Liconic (USA)
	2:20pm-2:25pm	Enhancing Specimen, Specimen-derived Data and Consent Tracking for Registries Scott Clark, Global Specimen Solutions, Inc. (USA)
	2:25pm-2:30pm	Wrap Up
	2:30pm-3:00pm	Coffee Break
	2:30pm-3:30pm	Poster Installation for Session 1 (Categories: BEAR, BP, BRS, ELSI, HSR, BET) <i>Metropolitan</i>
	Education and Training Workshops (Open to all Participants)	
3:00pm-4:00pm	Educational Workshop 1: Thinning the Collection - can biobanks ever discard samples? <i>Pier 2&3</i> Presenters: Rebekah Rasooly (USA), Bartha M. Knoppers (Canada) & Sherilyn J. Sawyer (Canada)	Educational Workshop 2: Limitations affecting the Use of Human & Animal Tissues in Research: What the Literature Tells Biorepositories <i>Pier 4</i> Presenters: William e. Grizzle (USA), Dennis Otali (USA), Daniel S. Atherton (USA), Katherine C. Sexton (USA)
		Educational Workshop 3: Business Planning for Biobanking <i>Pier 5</i> Presenters: Erik Steinfeldt (Netherlands), Alison Perry-Jones (United Kingdom)

PRELIMINARY PROGRAM

4:15pm-5:30pm	Contributed Paper Session 1 (Concurrent Sessions) – Aligning Ethical, Legal, Societal Issues: 'Expectations, Evidence and Diversity' Chairpersons: Helen Morrin (New Zealand) and Michele Russell-Einhorn (USA)		<i>Frontenac</i>
	4:15pm-4:30pm	A Survey of Cancer Patient Biospecimen Donors' Views About Broad Informed Consent for Using Biospecimens in Future Research, in Collaboration with NCI's Biospecimen Preanalytical Variables Program Chris Andry (USA)	
	4:30pm-4:45pm	Informed Broad-Consent at Duke: Modification of "Boiler-plate" Language Increases Comprehensibility and Decreases Time Burden Shannon McCall (USA)	
	4:45pm-5:00pm	Effect of Deliberation on the Public's Attitudes Toward Consent Policies for Biobank Research: A Mixed Methods Study Tom Tomlinson (USA)	
	5:00pm-5:15pm	The Comparative Study of Willingness of Chinese Children and their Guardian Towards Biospecimens Donation Shijian Liu (China)	
	5:15pm-5:30pm	Some Aspects of Ethical Issues in Biobanks in the Czech Republic Judita Kinkorova (Czech Republic)	
4:15pm-5:30pm	Contributed Paper Session 2 (Concurrent Sessions) – Planning and Sharing: Tools and Approaches for Repository Management Chairpersons: Rebekah Rasooly (USA) and Menghong Sun (China)		<i>Harbour</i>
	4:15pm-4:30pm	DiscovEHR Browser: A Portal for Sharing Genomic Data from Geisinger MyCode® Community Health Initiative Ming Ta Michael Lee (USA)	
	4:30pm-4:45pm	Developing a dashboard and balanced scorecard as an administrative tool to rapidly assess the overall health of a biobank program Elise Poupard (Canada)	
	4:45pm-5:00pm	NIST's Marine Environmental Specimen Bank: Impacts and Future Directions Debra Ellisor (United States)	
	5:00pm-5:15pm	Biobanking Sustainability How a strategic paper helps in operating a biobank Berthold Huppertz (Austria)	
	5:15pm-5:30pm	Innovative solutions for Swiss Biobanking Platform sustainability Christine Currat (Switzerland)	
5:15pm-7:30pm	Exhibit Hall Open		<i>Metropolitan</i>
5:30pm-7:30pm	Exhibitor and Poster Networking Evening Join us for drinks and hors d'oeuvres to visit the ISBER exhibits and posters!		<i>Metropolitan</i>

Thursday, May 11, 2017

7:00am-5:30pm	Registration	Bay	
7:00am-4:15pm	Speaker Services Open	Queens Quay	
7:30am-8:15am	Coffee & Pastries		
8:00am-9:00am	Platinum Corporate Partner Workshops (Open to all participants)		
	Pier 2&3	Pier 4	
	Workshop 2A – BSI Systems Engage the Full Potential of Your Biorepository Network Steven Marroulis (USA) and Joseph Krzystan (USA)	Workshop 2B – Brooks Life Science Systems Smarter Sample Management – Establishing a Sustainable Biobank by Connecting Stored Samples with Actionable Data Balwir Matharoo-Ball (United Kingdom) and Mark Fish (United Kingdom)	Workshop 2C – Chart MVE Sample Storage Integrity in Remote Locations Buzz Bies (USA) and Bruce Edel (USA)
9:00am-6:30pm	Exhibit Hall Open	Metropolitan	
9:15am -11:30am	Contributed Paper Session 3 (Concurrent Sessions) – Fit-for-Purpose Applications - Biospecimen Research and Sample Quality Chairpersons: Ayat Salman (USA) and Ping Guan (USA)		
	9:15am-9:30am	How Important Is the Time of Cold Ischemia to Molecular Research and When Do Most Changes Secondary to Cold Ischemia Occur? William Grizzle (USA)	
	9:30am-9:45am	Room Temperature Storage Solutions: An Alternative to Cold Chain Management within Biobanks and/or Diagnostics and Research Laboratories in Africa Shafieka Isaacs (South Africa)	
	9:45am-10:00am	A Laser Capture Microdissection (LCM) Study of PAXgene-Fixed Paraffin-Embedded (PFPE) Biospecimens Abhi Rao (USA)	
	10:00am-10:30am	Coffee Break in Exhibit Hall	
10:30am-10:45am	Evaluation of mRNA Integrity by RNAscope ISH in Archival and Prospectively Collected FFPE Tissue Samples Stephen McQuaid (United Kingdom)	Frontenac	

Thursday, May 11, 2017

	10:45am-11:00am	Divergent Gene Expression Analysis Results from Separate Intra-Institutional Tissue Fixation Protocols Timothy Geddes (USA)	
	11:00am-11:15am	RNA and miRNA Expression Profiles in FFPE Tissues Subjected to Extended Ischemic and Formalin-Fixation Times William Mathieson (Luxembourg)	
	11:15am-11:30am	Utilization of Mobile APP for Better Implementation of GCP in Sample Collecting Process for Biorepository Lei Tian (China)	
	Contributed Paper Session 4 (Concurrent Sessions) – Accreditation/Standardization and High Impact Studies Chairpersons: Koh Furuta (Japan) and Daniel Catchpoole (Australia)		<i>Harbour</i>
	Session 1 – Biobank Accreditation for Large Facilities and Networks		
	9:15am-9:30am	Preparing a Large Biorepository for College of American Pathologists (CAP) Accreditation Renee Root (USA)	
	9:30am-9:45am	Biospecimen Commons: Building a Worldwide Listing of Biorepositories Joseph Miceli (USA)	
	9:45am-10:00am	Adaptation of a Biobank Certification Program for Australia Jane Carpenter (Australia)	
9:15am -11:30am	10:00am-10:30am	Coffee Break in Exhibit Hall	
	Session 2 – Creative Biobanking for Targeted Collections		
	10:30am-10:45am	(Epi)genetic Study of Spontaneous Preterm Birth with Prebanked Specimens: A Model of Multi-Center Biobanks for Reproductive Research in Developing Countries Jing Pan (China)	
	10:45am-11:00am	Tissue Biobanking To Understand Molecular Signatures of Space Radiation Induced Tissue Degeneration Dillon Isaac (USA)	
	11:00am-11:15am	The Genotype-Tissue Expression Project: Charting the Human Transcriptome Using a Multi-Individual, Multi-Tissue Sample Collection Kristin Ardlie (USA)	
	11:15am-11:30am	Biobanking of Marine Oomycetes from Philippine Mangrove Leaves Gina Dedeles (Philippines)	

10:45am-11:45am	Poster Takedown for Session 1	Metropolitan	
11:30am-1:00pm	Education and Training Workshops (<i>Open to all Participants</i>)		
	Educational Workshop 4: Commercialization and ABS Part 1: Public and Community perspectives on sample use <i>Pier 2&3</i> Presenters: Breda Zimkus (USA), Marta Castelhana (USA), William E. Grizzle (USA)	Educational Workshop 5: The Practice (and Art) of Biospecimen Governance <i>Pier 4</i> Presenters: Marianna Bledsoe (USA), Nicole Sieffert (USA)	Educational Workshop 6: First, Do No Harm: Best Practices and Regulatory Requirements when Procuring Tissue Specimens in the Clinical Setting <i>Pier 5</i> Presenters: Shannon McCall (USA)
	11:45am-12:45pm	Poster Installation for Session 2 (Categories: HT, RAT, RM, RS and LB)	Metropolitan
12:45pm-1:45pm	General Lunch in the Exhibit Hall	Metropolitan	
1:45pm-3:30pm	Education and Training Workshops (<i>Open to all Participants</i>)		
	Educational Workshop 7: Commercialization and ABS Part 2: Private & Legal Perspectives and Commercialization Use Cases <i>Pier 2&3</i> Presenters: Mark Barnes (USA), Gilbert Lau (Malaysia), Kirstin Goldring (United Kingdom)	Educational Workshop 8: Public Education about Biobanks <i>Pier 4</i> Presenters: Suzanne Vercauteren (Canada), Sheila O'Donoghue (Canada)	Educational Workshop 9: Best Practices for Storage Equipment and Environment <i>Pier 5</i> Presenters: John Fink (USA), Marta Castelhana (USA)
	3:30pm-4:00pm	Coffee Break in Exhibit Hall	Metropolitan
4:00pm – 5:00pm	Platinum Corporate Partner Meeting with the ISBER Board of Directors (<i>Invitation Only</i>)	Pier 2&3	
5:00pm – 6:30pm	ISBER 2017 Networking Cocktail Reception Join us for drinks and hors d'oeuvres in the exhibit hall to mingle with other attendees and network with the exhibitors!	Metropolitan	
7:00pm-11:00pm	ISBER Gala Dinner (<i>Separate Registration Required</i>) Join us for an exciting evening at Casa Loma! Enjoy reception and dinner while you mingle with your biobanking colleagues from around the world.	Offsite	

Friday, May 12, 2017

7:00am-8:00am	Vendor Meeting (<i>Invitation Only</i>) Vendors – join us to provide feedback about the conference and future opportunities!	Pier 9
---------------	--	--------

Friday, May 12, 2017

7:00am-8:00am	Working Group Meetings (<i>Open to all Participants</i>)			
	<i>Harbour</i>	<i>Pier 7</i>	<i>Harbour</i>	<i>Pier 8</i>
	Biospecimen Science Working Group	Standards Committee (<i>Invitation Only</i>)	Pharma Working Group	International Repository Locator Working Group
7:00am-1:30pm	Speaker Services Open			<i>Queens Quay</i>
7:00am-4:00pm	Registration			<i>Bay</i>
7:45am-8:15am	Coffee & Pastries			
8:00am-9:00am	Platinum Corporate Partner Workshops (<i>Open to all participants</i>)			
	<i>Pier 2&3</i>	<i>Pier 4</i>	<i>Pier 5</i>	
	Workshop 3A - Thermo Fisher Scientific Use of Mobile Technology to Enhance Biospecimen Quality and Biobank Efficiency James V. Lacey, Jr.,(USA) and Amy Hendricks (USA)	Workshop 3B – Liconic Instruments Case Studies: Implementation of the BiOLiX™ Automated Biobanking Platform Steve Broach (USA) (Moderator), Rostislav Chernomorsky (USA), Patrice Vaillancourt (Canada) and Tanja Weis (Germany)	Workshop 3C – Worthington Industries Global Standardization, Harmonization and Collaboration III Marianna Bledsoe (USA), Rita Lawlor (Italy) and Koh Furuta (Japan)	
9:15am-2:30pm	Exhibit Hall Open			<i>Metropolitan</i>
9:15am-12:15pm	Symposium 4A (Concurrent Sessions) – Expected to Deliver: Biobanking Responses to Emerging Global Threats for and in LMICs Chairpersons: Maimuna Mendy (France), Zisis Kozlakidis (United Kingdom), Judith Giri (USA) Biobanks are increasingly involved in the responses to emerging global threats. These vary and can include medical emergencies as well as natural disasters, they can be mounted through a distributed network or in the field in low and middle income countries. In this session we will highlight cases where the involvement of biobanks has been central to the response effort and present the evidence and innovation that has allowed them to do so.			<i>Frontenac</i>
	9:15am-9:45am	Ready and Willing: Biobanking Leads a New Paradigm for Collaborative Response to the Zika Outbreak Mars Stone (USA)		
	9:45am-10:15am	Putting Structures and Governance In Place to Address Biobanking of Highly Infectious Pathogens During Outbreaks Akin Abayomi (South Africa)		

PRELIMINARY PROGRAM

	10:15am-10:45am	Coffee Break in Exhibit Hall	
	10:45am-11:15am	Biobank in NHTD: The Effort and Achievement Vu Thi My Hanh (Vietnam)	
	11:15am-11:15am	Biodiversity and the need for Standard Biological Reference Materials (SBRMs) Robert Hanner (Canada)	
	11:15am-12:15pm	Panel Discussion	
	Symposium 4B (Concurrent Sessions) – Accelerating Clinical and Social Outcomes with Sample Data: It’s All About the Base...and the Exploitation Chairpersons: Clive Green (United Kingdom) and Tatsuaki Tsuruyama (Japan)		<i>Harbour</i>
	<p>Biospecimens offer huge potential for improving the lives of patients and the natural world. To unlock this potential, researchers must: 1) establish a knowledge base of critical data that can be derived from the samples, and 2) apply novel data exploitation techniques to drive research and/or enable high quality biospecimen management. This session will explore challenges and solutions in developing an all-important knowledge base and showcase sophisticated data analysis techniques for clinical and social impact.</p>		
	9:15am-9:25am	Introduction Tatsuaki Tsuruyama (Japan)	
9:15am-12:15pm	9:25am-9:50am	The SAIL DataBank: Linking Real World Population-Scaled Data to a Nation's Bio-Repositories. Easy? David Ford (United Kingdom)	
	9:50am-10:15am	Facilitating Research Utilization of the Mayo Clinic Biobank Janet Olson (USA)	
	10:15am-10:45am	Coffee Break in Exhibit Hall	
	10:45am-11:25am	Building Large-Scale Resources for Companion Animal and Translational Research through Personalized Canine Genomics Adam Boyko (USA)	
	11:25am-12:05pm	FAIR Sample and Data Access David van Enckevort (Netherlands)	
	12:05pm-12:15pm	Conclusion Clive Green (United Kingdom)	
12:15pm-1:15pm	General Lunch in the Exhibit Hall		<i>Metropolitan</i>
1:15pm-2:15pm	ISBER Annual Business Meeting Members – join us to learn more about ISBER’s activities, financials, strategic plan and leadership!		<i>Frontenac</i>
1:15pm-2:30pm	Poster Takedown for Session 2		<i>Metropolitan</i>

Friday, May 12, 2017

2:15pm-2:30pm	Coffee Break			
2:30pm – 3:30pm	Working Group Meetings (<i>Open to all Participants</i>)			
	<i>Pier 2</i>	<i>Pier 3</i>	<i>Pier 4</i>	<i>Pier 5</i>
	Rare Disease Working Group	Informatics Working Group	Integrated Biobanking Workflows Working Group	Regulatory and Ethics Working Group
2:30pm-8:00pm	Exhibitor Takedown			<i>Metropolitan</i>
3:30pm – 4:30pm	Committee and Working Group Meetings			
	<i>Pier 8</i>	<i>Pier 7</i>	<i>Pier 4</i>	<i>Pier 5</i>
	Membership and Marketing Advisory Committee (<i>Invitation Only</i>)	Science Policy Advisory Committee (<i>Invitation Only</i>)	Public Education Working Group (<i>Open to all participants</i>)	CSF Biobanking Special interest Group (<i>Open to all participants</i>)
5:30pm-7:00pm	ISBER Board of Directors Meeting (<i>Invitation Only</i>)			<i>Pier 9</i>