



A collaborative network

Abstract for ISBER 2010 conference in Rotterdam

Relevant information and the draft for the abstract

Content

Table of content

1	Instructions to the authors	2
2	Abstracts	4
2.1	ISBER 2010 – Draft of abstract “Biobank Survey”	4
3	Confirmation of Submission	4

1 Instructions to the authors

ISBER welcomes the submission of abstracts in fields related to the use of environmental and biological repositories. Special consideration will be given to those abstracts that focus on challenges in the area of biorepositories and solutions to those problems. Abstracts should contain significant or novel scientific information. Product advertisements are not appropriate for presentation. ISBER reserves the right to exclude abstracts that promote commercial interests inappropriately or are viewed as unethical in content. Submitted abstracts will be evaluated anonymously by a review panel, and accepted based on scientific merit and contribution to their area of science. Accepted abstracts will be published on the ISBER web site and in their entirety in the Spring 2010 issue of *Biopreservation and Biobanking (BIO)* (formerly *Cell Preservation Technology*), the official journal of ISBER. Withdrawn abstracts may not be published in BIO.

Topic Categories Include:

- Animal Specimen Repositories
- Biospecimen Science
- Cryogenics and Cell Preservation
- Disaster Recovery
- Environmental Repositories
- “Green” Repository Solutions
- Human Specimen Repositories
- Legal and Ethical Issues Related to Repositories
- Museum Repositories,
- National and International Biobanking Networks
- Other Hot Topics,
- Plant/Seed Repositories,
- Quality Assurance and Control
- Repository Automation
- Repository Information Technologies

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PRESENTATION FORMAT

Authors should indicate their preference for presentation (poster vs. oral presentations). The Program Committee will attempt to honor the authors' preference but the final format decision will be based on the overall constraints of the scientific program.

No Preference - The authors do not have a preference for oral presentation, poster plus lightning round oral presentation, or poster presentation and agree to present their data in the format chosen by the Program Committee.

Poster Presentation - Posters will be displayed for one or two days as determined by the Program Committee.

Poster Plus Lightning Round Oral Presentation - In addition to presenting a poster, the author will be asked to **ALSO** highlight the abstract in a 5 minute oral presentation.

Oral Presentation – Authors selected to present in a Contributed Papers Session will be allotted 15 minutes to present the abstract. Abstracts selected for a Contributed Paper Session will **NOT** present a poster.

ISBER RULES FOR ABSTRACT SUBMISSION

1. Product advertisements are not appropriate for presentation. ISBER reserves the right to exclude abstracts that promote commercial interests inappropriately or are viewed as unethical in content.
2. Complete abstracts must be submitted online no later than 11:59PM Eastern Time on Friday, January 29, 2010. No changes can be made to abstract content or authors after the submission deadline.
3. All abstracts must be submitted online. Faxed, emailed or mailed abstracts are not acceptable.
4. Each author may submit a maximum of two abstracts as first author and may be included as coauthor on up to five additional abstracts.
5. Once an abstract is accepted, additional authors cannot be added.
6. The Presenting Author should be the primary contact (or Corresponding Author)
7. Notification of acceptance or rejection and all future correspondence will be mailed to the presenter from the ISBER office by March 1, 2010.
8. ISBER reserves the right to withdraw a presentation at any time.
9. Accepted abstracts that report information that has not been previously published will be published in the Official Journal of ISBER *Biopreservation and Biobanking*.
10. All accepted abstracts will be published in the program book.
11. The Presenting Author is expected to register for the ISBER Meeting and present the abstract at the assigned time period to discuss the study and answer questions. If the Presenting Author is unable to attend the ISBER Meeting to present the abstract, every effort should be made to arrange for one of the other authors to present the poster. Both ISBER staff (shamilton@asip.org) and the ISBER Meeting Program Chair, Scott Jewell (Scott.Jewell@osumc.edu) must be notified of any change in presenters.

ABSTRACT FORMATTING INSTRUCTIONS

1. Language: The abstract must be written in English.
2. Topic Selection: To ensure that your abstract is reviewed for the appropriate session, click a choice from the "Categories List."
3. Presentation Format: At the meeting your paper may be presented orally or as a poster. Please indicate your preference. Space for oral presentations may be limited and therefore the Program Committee may need to override your preference.
4. Title: Title must be initial caps throughout. Example: Human Repositories and Specimen Collection in China
5. Abstract: Abstracts must be 250 words or less and should be organized into four sections as outlined below. Wherever possible, start each section of the abstract with the heading Background, Methods, Results, and Conclusions. Figures and tables are NOT permitted in the abstract.
6. Confirmation: When you finish submitting your abstract, you will receive a confirmation screen verifying your submission and assigning a tracking number to your abstract. SAVE YOUR TRACKING NUMBER! It will serve as your identification number for corrections, scheduling, and notification.
7. Corrections: If you have changes to your abstract please log in as a returning user with your email address and password. You will be able to edit your submitted abstracts (until January 29, 2010) by clicking on the ID number of the abstract you wish to edit. DO NOT CREATE A NEW SUBMISSION.

2 Abstracts

2.1 ISBER 2010 – abstract “Swiss Biobank Survey”

Survey of Biobanks at a Swiss University Hospital

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Human biobanks are a valuable source of biospecimens and personal data to be used for research. Little is known of how many biobanks exist at a given Swiss University Hospital.

The purpose of this survey conducted at the CHUV hospital (>40’000 patients hospitalized per year) and the faculty of biology and medicine (FBM) at the University in Lausanne, Switzerland was a) to provide an overview of the number of biobanks, b) to assess their purpose and size, c) to determine the kinds of biospecimens collected and d) to analyse the extent to which the biobanks follow the Swiss Academy of Medical Sciences (SAMS) guidelines on biobanks.

Eighty-three services (FBM: 15, CHUV: 68) were contacted. Twenty did not respond, 35 had no collection of human biospecimens. 28 services had 37 research biobanks and 6 collections for diagnosis and treatment; the latter were excluded from further analysis. Fifty-seven % of biobanks store > 1’000 biospecimens. One third of biobanks stored tissue (92% fresh frozen, 46% FFPE, 31% DNA, 23% RNA, and 23% frozen cells), 65% stored blood components (58% serum, 63% plasma, 46% frozen cells, 38% DNA, 17% RNA, and 4% whole blood). The majority of biobanks have accepted the SAMS guidelines. Forty-one % of biobanks used the biospecimens and data only for their own research, almost half share biospecimens and data, but only a quarter use a material transfer agreement.

The data collected in this survey will allow biobank infrastructure optimization at the CHUV and will improve research support.

3 Confirmation of Submission

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