



Office of Biorepositories and Biospecimen Research  
National Cancer Institute  
National Institutes of Health  
U.S. Department of Health and Human Services

**NCI Biospecimen Best Practices Forum**  
January 28, 2008

Bell Harbor International Conference Center  
Seattle, Washington

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**AGENDA**

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***Forum Purpose***

To educate and solicit feedback from investigators, industry representatives, hospital administrators, patient advocates, and the general public on the recently published *NCI Best Practices for Biospecimen Resources*, which outlines technical; operational; and ethical, legal, and policy principles for biospecimen resources.

***Forum Overview***

7:00 a.m. - 8:00 a.m.

**Registration and Continental Breakfast**

8:00 a.m. - 8:15 a.m.

**Welcome and Opening Remarks**

*Bay Auditorium*

John D. Potter, M.D., Ph.D.  
Co-Program Head, Gastrointestinal Oncology  
Cancer Prevention Research Program  
Fred Hutchinson Cancer Research Center

***Part 1: Overview and Discussion of NCI Best Practices***

8:15 a.m. - 8:35 a.m.

**NCI Best Practices for Biospecimen Resources**  
***Why Do We Need Biospecimen Best Practices?***

Carolyn C. Compton, M.D., Ph.D.  
Director, Office of Biorepositories and Biospecimen Research (OBBR)  
National Cancer Institute (NCI)

8:35 a.m. - 8:55 a.m.

**Overview of Technical and Operational Best Practices**  
***State-of-the-Science Biospecimen Handling: Real-World Perspective***

Janet Warrington, Ph.D.  
Vice President, Standards and Government Policy  
Affymetrix, Inc.

8:55 a.m. - 9:15 a.m.

**Question-and-Answer Session** (open microphone)

9:15 a.m. - 9:35 a.m.                   **Overview of Ethical, Legal, and Policy Best Practices**  
*Ethical, Legal, and Policy Implications of Using Human Specimens in Research: What You Need To Know*  
Karen Thiel, Ph.D., J.D.  
Associate  
Patton Boggs, LLP

9:35 a.m. - 9:55 a.m.                   **The Importance of Best Practices to Patients, Survivors, Advocates, and the General Public**  
*It's All About the Patient: Putting Biospecimen Research in Perspective*  
Deborah Collyar  
President  
Patient Advocates in Research

9:55 a.m. - 10:15 a.m.               **Question-and-Answer Session** (open microphone)

10:15 a.m. - 10:30 a.m.               **Break** (light snacks will be served)

***Part 2: Informatics Best Practices and Economic Issues for Biospecimen Resources***

10:30 a.m. - 10:50 a.m.               **caBIG™, caTissue, and Achieving Silver-Level Compatibility**  
*Informatics Solutions to Biospecimen Management: Finding the Right Tools for Your Resource*  
Ian Fore, D.Phil.  
Associate Director for Biorepository and Pathology Informatics  
NCI Center for Bioinformatics

10:50 a.m. - 11:10 a.m.               **Cost Recovery Models and Other Economic Issues Involved in the Implementation of the NCI Best Practices**  
Jim Vaught, Ph.D.  
Deputy Director  
OBBR, NCI  
  
Lisa Miranda  
Technical Director  
Tumor Tissue and Biospecimen Bank  
University of Pennsylvania

11:10 a.m. - 11:30 a.m.               **Question-and-Answer Session** (open microphone)

***Part 3: Next Steps for Updating the NCI Best Practices and Overview of Discussion/Demonstration Sessions***

11:30 a.m. - 11:45 a.m.               **Assessing the Effects of Pre-analytical Variables on Molecular Research: The Biospecimen Research Network**  
Helen Moore, Ph.D.  
Biospecimen Research Network Program Manager  
OBBR, NCI

11:45 a.m. - 12 noon                   **The Biospecimen Research Database**  
Ian Fore, D.Phil.  
NCI Center for Bioinformatics

- 12 noon - 12:15 p.m.                    **Question-and-Answer Session** (open microphone)
- 12:15 p.m. - 12:25 p.m.                **Charge for the Discussion/Demonstration Sessions**  
 Carolyn C. Compton, M.D., Ph.D.  
 OBBR, NCI
- 12:25 p.m. - 1:00 p.m.                **Break** (Boxed lunches will be available for pick-up. Light snacks and beverages will also be available for everyone.)

**Part 4: Concurrent Discussion/Demonstration Sessions**

1:00 p.m. - 2:00 p.m.                **Concurrent Discussion/Demonstration Sessions**

- ***Biospecimen Science*** *Bay Auditorium*  
 Helen Moore, Ph.D.  
 OBBR, NCI

Richard G. Hegele, M.D., Ph.D., FRCPC  
 Professor and Head  
 Department of Pathology and Laboratory Medicine  
 University of British Columbia

Beatrice S. Knudsen, M.D., Ph.D.  
 Assistant Member  
 Fred Hutchinson Cancer Research Center  
 Affiliate Assistant Professor of Pathology  
 University of Washington School of Medicine

Lawrence D. True, M.D.  
 Professor of Pathology  
 University of Washington School of Medicine
- ***Discussion of Cost Recovery Models and Other Economic Issues Involved in the Implementation of the NCI Best Practices*** *Cove Room*  
 Jim Vaught, Ph.D.  
 OBBR, NCI

Martin L. Ferguson, Ph.D.  
 Consultant, Pharmaceutical and Life Sciences  
 Consultant and Cofounder of Ardais Corporation

Lisa Miranda  
 Tumor Tissue and Biospecimen Bank  
 University of Pennsylvania
- ***Demonstration of caBIG™ Biospecimen Resource Management Tools*** *Sound Room*  
 Ian Fore, D.Phil.  
 NCI Center for Bioinformatics

2:00 p.m. - 2:30 p.m.                    **Break** (light snacks will be served)

***Part 5: Closing and Adjournment***

2:30 p.m. - 3:00 p.m.                    **Discussion Session Report, Question-and-Answer  
Session, and Closing Remarks**                    *Bay Auditorium*

3:00 p.m.                                    **Adjournment**