

Clinical Specimen Procurement, Processing and Preservation:

NOW AND THE FUTURE

T H E A G E N D A

Chairpersons:

Samir N. Khleif
Emanuel Petricoin

Invited Faculty:

Elaine M. Elder,
*University of Pittsburgh,
IMCPL*

John Gillespie, *NCI*

Elaine Gunter, *CDC*

Ann Sowell, *CDC*

Stephen Hewitt, *NCI*

Mike Pellini,
Genomics Collaborative

Emanuel F. Petricoin,
CBER/FDA

Steven Picolli,
Molecular Staging

Michael Tanner,
Applied Biosystems

Jim Vaught, *NCI*

Opening Remarks

8:15 – 8:30

Tissues

8:30 – 8:50

John Gillespie, *NCI*
Tissue Handling to Optimize Biomolecular Preservation and Histology

8:50 – 9:10

Stephen Hewitt, *NCI*
Tissue Arrays: Application and Reduction to Practice

Serum and Body Fluids

9:10 – 9:30

Steven Picolli,
Molecular Staging
Preparation of Human Body Fluids and Clinical Samples for Protein Array Analysis

9:30 – 9:50

Elaine Gunter, *CDC*
Saving Specimen for the Future

9:50 – 10:10

Emanuel F. Petricoin,
CBER/FDA
Sera and Body Fluid Preservation and Preparation for Mass Spectrometry-Based Proteomic Pattern Profiling

Break

10:10 – 10:40

Cellular Blood Products and Lymphocytes Viability

10:40 – 11:00

Jim Vaught, *NCI*
Specimen Processing and Preservation for Molecular Epidemiology Studies

11:00 – 11:20

Michael Tanner,
Applied Biosystems
Changes in Gene Expression Levels as a Result of Storage Temperature and Duration of Human Whole Blood Specimens

11:20 – 11:40

Elaine M. Elder,
University of Pittsburgh, IMCPL
Lymphocyte Viability and Function for Monitoring of Clinical Trial

Building a Repository

11:40 – 12:10

Mike Pellini,
Genomics Collaborative
Building an Industrial-Scale Repository for Functional Genomics

Poster Session

12:10 – 1:30

Breakouts/Group Discussion

1:30 – 2:30

Three discussion groups will be formed as per the session:

- Tissues
- Cellular Blood Products and Lymphocytes Viability
- Serum and Body Fluids

The task is to come up with guidelines for the procurement, processing and preservation of the clinical specimens for different applications

Group reports and Recommendations

2:30 – 3:30

- Guidelines Discussion
- Repository Issues

Adjourn

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A W O R K S H O P

This workshop is open to scientists and clinicians from intramural NIH and extramural institutions.

The objective of this workshop is to construct standard operating procedures for acquisition and processing of tissue, blood and blood products, body fluids and for building a repository. The workshop will include formal presentations posters, and breakout discussion groups.

Submission of abstract for poster presentation is encouraged.

Registration and poster application can be completed on-line at:
<http://www.palladianpartners.com/irpfaculties/GynoMalignancies/agenda.htm>



Monday, July 1, 2002, 8:15 a.m. to 3:30 p.m.

Main Auditorium, Natcher Conference Center, National Institutes of Health, Building 45