

# TISSUE MICROARRAY WORKSHOP ON: TMA technology applied to Biomarker Validation and Diagnostic applications.

Preliminary PROGRAM: **FREE Registration on line: <http://isenet.eventbrite.com/>**

**University City Science Center, Suite 800**  
**3711 Market Street, Philadelphia Pa, 19140**  
**[www.sciencecenter.org](http://www.sciencecenter.org)**



## PRELIMINARY PROGRAM:

08:30 am - 09:00 am REGISTRATION AND BREAKFAST (ROOM 800)

08:45 am - 09:00 am **Introductory notes**

*Antonio Giordano (SHRO) & Pasquale De Blasio (ISENET-USA)*

09:00 am - 09:20 am **Presentation of Consul General of Italy**

*Dr. Andrea Ganepari, Consul General of Italy*

### SESSION I

CHAIRS: *Drs Antonio Giordano, Mario Benotti and Eleni Anni (SHRO, TU)*

09:20 am - 09:50 am *Dr. Tim Baradet (University of Pennsylvania, Philadelphia, Pa. USA)*

**Integrating digital pathology into your laboratory workflow:  
a practical guide**

09:50 am - 10:20 am *Dr. Giorgio Cattoretti (UNIMIB, Italy)*

**Tissue Microarray Technology in Diagnostics Applications**

10:20 am - 10:50 am *Dr. Ida Biunno (IRGB-CNR, Italy)*

**TMA & Cell MA a cross validation tool for research**

10:50 am - 11:20 am *Prof. Peter Hamilton (Queen's Elisabeth University Belfast Ireland)*

**Digital Pathology and TM Biomarker Discovery**

11:20 am - 11:50 pm *Dr. Gary Stein (Vermont Cancer Center, Vermont USA)*

**Biomarker Validation with Tissue Microarray**

11:50 am - 12:20 pm *Dr. Stephen Hewitt (NCI - Tarp Laboratory, Bethesda, Ma, USA)*

**Perspectives of TMA Technology and future applications**

12:30 pm - 13:30 pm Lunch (Room 800)

## SESSION II

Chairs: *Giorgio Cattoretti and Dr. Ida Biunno (Room 800)*

13:30 pm - 13:50 pm *Andrea De Blasio (ISENET-USA LLC.)*

**The Galileo Integrated Tissue Microarray Platform**

13:50 pm - 14:10 pm *Gisela Canales (Hamamatsu USA)*

**Problems and solutions of Tissue Microarray Slides Digital Scanning**

14:10 pm - 14:30 pm *Roy K. Min (Visiopharm Inc.)*

**Tissue Microarray Image analysis tools**

14:30 pm - 14:50 pm *John Durborow (PathXL Inc.)*

**Demonstration of PathXL Software Platform**

14:50 pm - 15:10 pm *Rick Michels (Freezerworks Inc.)*

**Integrating TMA with Freezerworks software for effective sample  
data management and tracking**

15:10 pm - 15:30 pm *Tim Sheehy (Promega Inc.)*

**Cost effective Nucleic Acids Extractions from FFPE**

15:30 pm - 15:50 pm *Wlodek Mandecki (ParmaSeq LLC.)*

**Improving reliability of tagging and tracking in histopathology and  
biorepositories using the ParmaSeq p-Chip**

15:50 pm - 17:00 pm **SESSION III**

**Products practical Hands-on demonstration (room 800)**

ISENET-USA (Galileo CK4500), Hamamatsu (Digital Scanners), Visiopharm (Image Analysis SW), PathXL (image management platform), Promega (Nucleic Acids extraction kits), Freezerworks (Biobank LIM Systems) and pChip Technology (ParmaSeq).

17:00 pm

**END OF WORKSHOP**

### Objectives of the Workshop:

The objective of the Tissue Array Workshop is to discuss with a panel of TMA experts on how to optimize the use of Tissue Microarrays for Research Projects (e.g. Biomarkers Validation, etc.) and the possibility to use the technology for diagnostic applications.

Particular attention will be given to the establishment of a "High Through-put Tissue Array Integrated Pathology Platform" starting from the design, construction, image analysis tools for automatic scoring and IT platform to manage pathology images. At the end of the workshop, there will be a specific hands-on session dedicated to look at the Galileo Tissue Arrayer, Visiopharm Image Analysis Software and PathXL Pathology Image Management IT Platform.

### Participants:

Senior Pathologists and histopathologists; basic and applied researchers; biotechnologists, pharmacologists and bioinformatics; clinical trial specialists, pathology technicians.

For information and/or registration please send an e-mail to: [angela.delcore@gmail.com](mailto:angela.delcore@gmail.com)

#### ENDORSEMENT:



Consulate General of Italy in Philadelphia

#### SPONSORS:

