

# WORKSHOP ON: “The Future of Pathology Research is Digital: New Challenges and Old Friends”

## TMA Technology

### Prof. Guido Sauter

Institute of Pathology, University Medical Center Hamburg-Eppendorf, Hamburg, Germany.

- *All you ever wanted to know about TMAs - and did not dare to ask.*



## Validated Antibodies

### Prof. Guido Sauter

Institute of Pathology, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

- *Large-scale tissue-based validation of antibodies for IHC.*

## TMA and related applications

### Ing. Pasquale De Blasio

Founder & Managing Director of Integrated Systems Engineering, srl – Italy  
Founding President of ESBB)

- *Tissue Microarray applications in emerging technologies.*



**Dates: Feb. 29<sup>th</sup> - March 1<sup>st</sup>, 2024**

## AI in Pathology Research

### Dr. Judit Kumuthini

ABLE (African Biobank and Longitudinal Epidemiological Ecosystem) and Onehealthomics – South Africa.

- *Machine Learning and Artificial Intelligence applications to the future of pathology research.*



## TMA, AI in Spatial Biology

### Dr. Regan Baird

SVP Research Commercial Strategy Deployment  
Visiopharm - Denmark

- *The role of Tissue Microarray in AI and Spatial Biology.*



**Congress venue:  
OpenZone, Open Lamp Conference room  
Via Lillo del Duca, 10 - 20091 Bresso (MI) –Italy**



## Precision Oncology

### Prof. Salvatore Piscuoglio

Associate Professor of Genetics at Humanitas University, Milano Italy and Group Leader at University of Basel, Switzerland; Precision Medicine-Molecular-Cell Biology.

- *Patient-derived models to enhance precision oncology.*



## Multiplexing

### Prof. Giorgio Cattoretto

Former Director of Pathology department Hospital San Gerardo and Associate Professor of Pathology University Milano Bicocca. - Italy

- *Ways and costs (time, money) to put hundreds of markers on a single section.*



## TMA validation of Organoids

### Prof. Ida Biunno

Associate Professor to University of Pavia. Senior researcher of Institute for Genetic and Biomedical Research (IRGB-CNR) - Italy

- *The application of Tissue Microarray Technology to study 3D-grown Spheroids & Organoids.*



## NGS of Tumour Tissues

### Prof. Fabio Pagni

Associate Professor at University Milano Bicocca and Pathologist at Hospital San Gerardo Monza Italy

- *NGS workflow in Pathology: limits and perspectives?*



## Sponsors:



**MS Validated Antibodies**



**Free Registration on-line: [Link](#)**

## Scientific Committee:

**Prof. Guido Sauter – University of Hamburg - Germany**

**Prof. Luigi Maria Terracciano – Humanitas University - Italy**

**Ing. Andrea De Blasio – ISENET-USA LLC - USA**

