



SCUOLA DI MEDICINA E CHIRURGIA
UNIVERSITÀ DEGLI STUDI DI PADOVA

DIPARTIMENTO STRUTTURALE
MEDICINA DI LABORATORIO

AZIENDA OSPEDALIERA-UNIVERSITÀ DI PADOVA



INTERNATIONAL CONFERENCE
ON LABORATORY MEDICINE

**PATHOLOGY AND
LABORATORY MEDICINE:
THE PROMISE, THE HOPE, THE PERIL**

SYMPOSIUM DEDICATED TO THE MEMORY OF
PROFESSOR ANGELO BURLINA



PADOVA, OCTOBER 23, 2020
AULA MAGNA DEL BO
UNIVERSITY OF PADOVA

PROGRAM

Friday, 23 October 2020

First Session

Chairmen: *Giuseppe Lippi (Verona, Italy)*
Franco Salvatore (Napoli, Italy)
Laura Sciacovelli (Padova, Italy)

- 9.00 Welcome address and opening remarks
- 9.15 **Opening Lecture**
In the last years treatment has changed thanks to those who spend all their days in the laboratory
Giuseppe Remuzzi (Milano, Italy)
- 9.45 **Keynote Lecture**
Integrated diagnostics: why and how?
Mario Plebani (Padova, Italy)

Biological properties of plasma DNA and its impact on non-invasive prenatal testing
Peiyong Jiang (Hong Kong, China)
- 10.30 Biomarkers and translational laboratory medicine: not only “omics”
Daniela Basso (Padova, Italy)
- 11.00 **Coffee Break**
- 11.30 Contribution of pathology to personalized medicine
Angelo Dei Tos (Padova, Italy)
- 12.00 The enigma of sudden death in the era of molecular pathology
Cristina Basso (Padova, Italy)
- 12.30 Gene drive and unnatural selection: overcoming the law of heredity to control vector borne diseases
Andrea Crisanti (Padova, Italy)
- 13.00 **General Discussion**

Friday, 23 October 2020

Second Session

Chairmen: *Marcello Ciaccio (Palermo Italy)*
Tommaso Trenti (Modena Italy)
Martina Zaninotto (Padova, Italy)

- 14.30 Prevention of genetic diseases by neonatal screening: where we are
Alberto Burlina (Padova, Italy)
- 15.00 Next generation sequencing for rare diseases
Leonardo Salviati (Padova, Italy)
- 15.30 Next generation sequencing for cystic fibrosis screening
Carlo Federico Zambon, Dania Bozzato (Padova, Italy)
- 16.00 **Coffee Break**
- 16.30 Molecular imaging in the era of PET/MR
Diego Cecchin (Padova, Italy)
- 17.00 Artificial intelligence: a guide to a more appropriate laboratory testing
Andrea Padoan (Padova, Italy)
- 17.30 **General Discussion & Final Remarks**
- 18.00 *Distribution and filling out ECM questionnaires*