SCUOLA DI MEDICINA E CHIRURGIA
UNIVERSITÀ DEGLI STUDI DI PADOVA

DIPARTIMENTO STRUTTURALE
MEDICINA DI LABORATORIO

AZIENDA OSPEDALE-UNIVERSITÀ DI PADOVA

PATROCINIO
REGIONE DEL VENETO

INTERNATIONAL CONFERENCE ON LABORATORY MEDICINE

THE ETHICS OF QUALITY AND ARTIFICIAL INTELLIGENCE IN LABORATORY MEDICINE

SYMPOSIUM DEDICATED TO THE MEMORY OF
PROFESSOR ANGELO BURLINA



PADOVA, SEPTEMBER 23rd, 2021
TEATRO VERDI
PADOVA

PROGRAM

Thursday, 23rd September 2021

First Session:
ETHICS AND QUALITY IN LABORATORY MEDICINE

Chairmen: ***Marcello Ciaccio (Palermo, Italy)***
Giuseppe Lippi (Verona, Italy)
Martina Zaninotto (Padova, Italy)

9.00 Welcome address and opening remarks

9.15 ***Opening Lecture***
COVID-19: lessons for the future of Laboratory Medicine
Mario Plebani (Padova, Italy)

10.00 Implementing Laboratory Medicine for Quality and Value in Healthcare
Christopher P. Price (Oxford, UK)

10.30 Emerging technologies globally - one size does not fit all
Ronda Greaves (Melbourne, Australia)

11.00 ***Coffee Break***

11.30 The new EU IVD Regulation 2017/746: opportunities & threats for in-vitro diagnostics – the perspective of the laboratory professional
Christa M. Cobbaert (Leiden, The Netherlands)

12.00 Mass spectrometry in the diagnosis and management of plasma cell dyscrasias.
Paolo Milani (Pavia, Italy)

12.30 ***General Discussion***

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Second Session:
ARTIFICIAL INTELLIGENCE IN MEDICINE

Chairmen: ***Daniela Basso (Padova, Italy)***
Laura Sciacovelli (Padova, Italy)
Tommaso Trenti (Modena, Italy)

14.00 Under the hood of Big Data and artificial intelligence
Lamberto Ballan (Padova, Italy)

14.30 Exploiting artificial intelligence to predict diseases onset and progression
Barbara Di Camillo (Padova, Italy)

15.00 Machine learning in Laboratory Medicine
Giuseppe Banfi (Milano, Italy)

15.30 ***Coffee Break***

16.00 Covid-19 lung pathology under the lens of AI: development of a predicting App
Fiorella Calabrese (Padova, Italy)

16.30 Flowing through laboratory clinical data: the role of artificial intelligence and big data
Andrea Padoan (Padova, Italy)

17.00 From automation to innovation: AI applied to hematology systems
Michele Meloni (Siena, Italy)

17.30 ***General Discussion & Final Remarks***

18.00 *Distribution and filling out ECM questionnaires*