



Ordine
Nazionale
Biologi

3rd
EDITION

INTERNATIONAL CONFERENCE

NEW FRONTIERS OF BIOLOGY

Biological drugs, precision medicine and omic sciences: the role of biologists

PROGRAM

8:30 - Registration of participants

Opening of the conference

9:00-9:30 - **Speech by
Sen. dr. Vincenzo D'Anna**

President of the National Order of Biologists

First session

9:30-10:15 - **Critical issues in the production and control
of biological drugs: technological innovation
at the service of quality**

Dr.ssa Loretta Bolgan

Pharmaceutical chemical

10:15-11:00 - **Mitochondrial depletion (Deuterium
Depletion) restrains prokaryote proliferation and virus
hosting cellular events thus alleviates the use of biologics**

Prof. Laszlo G. Boros, M.D.

*Professor of Pediatrics (Endocrinology & Metabolism) - The Lundquist Institute
of Biomedical Innovation at the Harbor - UCLA Medical Center - University
of California Los Angeles - UCLA School of Medicine*

11:00-11:20 - Coffee break

11:20-12:05 - **Precision vaccination:
the new challenge of vaccinology**

Prof. Paolo Palma

*Academic Department of Pediatrics, Research Unit of Congenital and Perinatal
Infection, Children's Hospital Bambino Gesù, Rome, Italy*

12:05-12:50 - **Potential and risks of biotechnology
applied to drugs: the role of the biotechnologist
in risk assessment**

Dr.ssa Sara Buresti

Biotechnologist

12:50-14:00 - Lunch break

Second session

14:00-14:45 - **The impact of the microbiota
on the immune system**

Prof. Fabio Piccini

Università Politecnica delle Marche di Ancona

14:45-15:30 - **From Genetics
to Epigenetics/Hologenomics**

Prof. Ernesto Burgio

European Cancer and Environment Research Institute

15:30-15:50 - Coffee break

15:50-16:35 - **Microbiota, health and aging**

Prof. Andrés Moya

*Integrative Systems Biology Institute, University of Valencia
and CSIC), FISABIO and CIBERes*

16:35-17:20 - **Nutrigenomics and nutrigenetics
in the treatment of degenerative diseases**

Prof.ssa Laura Di Renzo

*Professore Associato Dipartimento di Biomedicina e Prevenzione,
Università degli studi di Roma Tor Vergata*

17:20-17:40 - **Fertility: the key role
of the environment and lifestyles**

Dr.ssa Gemma Fabozzi

*Ricercatrice embriologa del Centro Genera e responsabile del Centro
Salute Donna B-Woman di Roma*

17:40-18:00 - Discussion

18:00 - Closing of the conference

ROMA - 18 APRILE 2020
SALA CONGRESSI GRAND HOTEL
PARCO DEI PRINCIPI

VIA FRESCOBALDI, 5

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