



Ordine
Nazionale
Biologi

GENETICS AND EPIGENETICS GENETICA ED EPIGENETICA

Naples, 15th June 2018

ROYAL CONTINENTAL HOTEL - Lungomare di Napoli, Via Partenope 38/44

Scientific Secretariat - Organizzazione scientifica
Prof. Livio Giuliani, Dirigente di Ricerca of Italian National Health Service

Program Programma

8:30- REGISTRATIONS
REGISTRAZIONI

1st SCIENTIFIC SESSION - NUCLEOUS REPROGRAMMING I SESSIONE SCIENTIFICA - RIPROGRAMMAZIONE NUCLEARE

Chairman - Moderator, Livio Giuliani

9:00 - Introduction

Sen. Vincenzo D'Anna, President of National Collegium of Biologists

9:15 - Predictive Genetics Genetica predittiva

Fiorella Guerrieri, Professor at University "S. Cuore", Rome

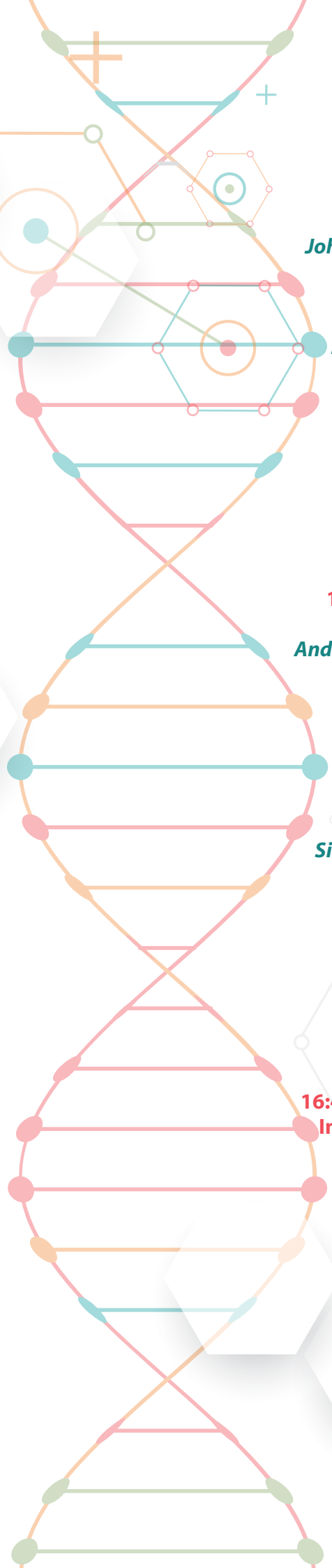
9:45 - The human genome as a personal book to read diseases and their predispositions Il genoma umano come un libro personale per leggere le malattie e le loro predisposizioni

Francesco Salvatore, Founder and Former President of CEINGE, Naples
Former Professor at University "Federico II", Naples, Golden Medal of MIUR,
fellow of "Accademia Nazionale delle Scienze (detta dei XL), Rome"

10:15 - The contribution of in vivo experimental research to the understanding of environmental carcinogens Il contributo della ricerca sperimentale in vivo alla conoscenza dei cancerogeni ambientali

Andrea Vornoli, Phd Pharmacological and toxicological sciences

10:45 - Coffee Break



**11:00 - LECTIO MAGISTRALIS: Reprogramming mature cells
in multipotent stem cells**

Riprogrammazione delle cellule mature in cellule multipotenti

John B. Gurdon, Nobel Laureate, The John Gurdon Institute, University of Cambridge

**12:00 - LECTIO MAGISTRALIS: Genes Transfer in Animals
Trasferimento genico negli animali**

**Mario Capecchi, Nobel Laureate, Professor at Department of Human Genetics,
University of Utah
School of Medicine, Salt Lake City**

13:00 - Lunch Break

**2nd SCIENTIFIC SESSION: GENOME EDITING
II SESSIONE SCIENTIFICA: GENOME EDITING
Moderatore - Chairman, Sen. Vincenzo D'Anna**

**14:30 - Lysosomes: from trash cans to control centers of cell metabolism
Lisosomi: da pattumiere a centri di controllo del metabolismo cellulare**

**Andrea Ballabio, Director and Founder of the Telethon Institute of Genetics and Medicine
(TIGEM), Pozzuoli, Naples.**

**Professor at University "Federico II", Naples, Italy
Visiting Professor at Baylor College of Medicine, Houston, TX, USA
Louis-Jeantet Prize for Medicine Laureate 2016**

**15:00 - LECTIO MAGISTRALIS: Mechanisms of Genes Silencing in Plants
Meccanismi di silenziamento genico nelle piante**

**Sir. David Baulcombe, Regius Professor of Botany, Professor at Department of Plant
Sciences, University of Cambridge**

16:00 - Coffee Break

**16:15 - Toward genome editing of motor neuron diseases
Verso la correzione genomica delle malattie del motoneurone**

**Alessandro Quattrone, Center of Integrated Biology
Professor at Laboratory of Translational Genomics, University of Trento**

**16:45 - Genomic instability: telomeric damage induced by ionising radiations
Instabilità genomica: il danno telomerico indotto da radiazioni ionizzanti**

Antonella Sgura, Dip. di Scienze, Università degli Studi "Roma Tre"

DISCUSSION - DISCUSSIONE

**17:15 - Scheduled Interventions
Interventi programmati**

**18:00 - Chairing and Conclusions
Conclusioni e moderazione**

Sen. Vincenzo D'Anna, Presidente dell'Ordine Nazionale dei Biologi

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