

3RD ANNUAL COURSE OF PHARMACOGENETICS AND PERSONALIZED MEDICINE

Emerging pathways in Personalized Medicine: breaking barriers and moving forward



Presidenza del Consiglio dei Ministri Ministero della Salute

ROMA CAPITALE

REGIONE LAZIO

CROCE ROSSA ITALIANA

patrocini

Thursday 9th - Friday 10th February 2012
Aula Magna Sapienza University of Roma

*The conference is dedicated to Professor Francesco Bossa
on the occasion of his 70th birthday*

Thursday 9th February

Workshop: **Genomics contribute in wellness, fitness and sport**

14.00 - 15.30

Registration

Lectures

15.30 - 17.00

Maurizio Simmaco Oxidative stress, genomics and health care

Vincenzo Romano Spica Personalized Health: advanced Prevention
between Wellness and Sport

Simonetta Friso Epigenetics and nutrition: the folate cycle role

Francesco Proietti A fruitful transfer model of genomic data to a common language

Charles R. Cantor New technologies for cost-effective genomic profiling

Luana Lionetto Phenotypic profiling by mass spectrometry technology

17.00 - 17.30

Coffee-break

Round table

17.30 - 19.00

Antonio Aceti, Fredrick Fernando, Vincenzo Marigliano

Genomic personalized strategies for wellness: ready or to be done?

Ayeraox

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per le Applicazioni di Superalcali
Per Università e Ricerca



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Emerging pathways in Personalized Medicine: breaking barriers and moving forward

Friday 10th February

Pharmacogenomics and Personalized Medicine

08.30 - 09.30

Registration

09.30 - 10.00

Authorities welcome

Roberto Lala Presidente Ordine dei Medici di Roma

Nicola Illuzzi Vicepresidente Commissione Sviluppo Economico Ricerca e Innovazione, Regione Lazio

Maria Paola Corradi Direttore Azienda Ospedaliera Sant'Andrea, Roma

Vincenzo Ziparo Preside Facoltà di Medicina e Psicologia, Università Sapienza Roma

Luigi Frati Rettore Università Sapienza Roma

Renata Polverini Presidente Regione Lazio

Lectures

10.00 - 11.30

Matthias Schwab Personalized Medicine and pharmacogenomics: promises and future directions

Jan Trøst Jørgensen Drug development process in the era of Personalized Medicine

Giuseppe Novelli Pharmacogenomics: the role of regulatory agencies

Eddy Karnieli Personalized Medicine: to narrow the gap between knowledge and clinical practice

11.30 - 12.00

Coffee-break

12.00 - 13.30

Dan Carr Adverse drug reactions and epilepsy pharmacogenetics

Edoardo Spina Efficacy and safety of antidepressants: role of cytochromes P450 polymorphisms

Giovanni Chillemi Bioinformatics for treatment tailoring

Davide Integlia Sustainability of Personalized Medicine in Public Health Systems

Giulio Nati Patient's management in general medicine: the pharmacogenomic perspective

13.30 - 14.30

Lunch

14.30 - 16.30

Deepak Voora Pharmacogenetics of antithrombotic drug therapy

Fulvio Basolo Molecular alteration in thyroid cancer

Silvano Bosari Novel tools in predictive medicine: the example of ex-vivo tissue cultures

Godfrey Grech Regulation of the phosphatase, pp2a as a classifier of cancer patients with potential sensitivity to the pp2a, FTY720

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Stefano Martinotti Isoform of Nibrin gene regulating DNA mutation
accessibility: new tool for Personalized Medicine

Giorgio Inghirami STAT3: a pivotal target for individualized treatment of cancer

16.30 - 17.00

Coffee-break

17.00 - 18.30

Jennifer Van Eyk Proteomics in cardiovascular research

Monica Rosa Miozzo The emerging role of epigenetics in personalized medicine:
the example of glioma

Ferdinando Nicoletti Impact of epigenetics on the pathophysiology and treatment
of psychiatric disorders

Luigi Alberto Pini Proteomic analysis of urine in medication-overuse headache
patients: possible relation with renal damages

Giovanna Gentile The Sant'Andrea Hospital Personalized Medicine Strategy

18.30 - 19.00

Discussion

Affiliations

Fulvio Basolo Professor of Pathology Director Department of
Surgery, University of Pisa - Italy

Silvano Bosari Professor of Pathology at University of Milano,
Ospedale Maggiore Policlinico, Milano - Italy

Charles R. Cantor Chief Scientific Officer SEQUENOM,
San Diego, CA USA

Dan Carr Senior Research Associate - Wolfson Centre for
Personalised Medicine University of Liverpool - UK

Giovanni Chillemi Computational Biology and Medicine Group,
CASPUR, Inter-University Consortium for Supercomputing
in Research, Roma - Italy

Simonetta Friso Professor of Genetics, University of Verona - Italy

Giovanna Gentile PhD, Sapienza University of Roma, NESMOS
Department, Sant'Andrea Hospital, Roma - Italy

Godfrey Grech PhD Senior Lectures Pathology Department,
University of Malta, Medical School - Malta

Giorgio Inghirami Professor of Pathology at University of
Torino - Italy

Davide Integlia I-COM Institute for Competitiveness,
Roma - Italy

Jan Trøst Jørgensen Director Dx - Rx Institute, Fredensborg -
Denmark

Eddy Karnieli Professor, Director, Institute Endocrinology,
Diabetes & Metabolism - Rambam Medical Center, Haifa - Israel

Luana Lionetto PhD, Sant'Andrea Hospital, Roma - Italy

Stefano Martinotti Professor of Clinical Pathology,
University of Chieti - Italy

Monica Rosa Miozzo Professor of Medical Genetics -
University of Milano - Italy

Giulio Nati Member of Council of Italian College of General
Practitioners, Roma - Italy

Ferdinando Nicoletti Professor of Medical Pharmacology,
Sapienza University of Roma - Italy

Giuseppe Novelli Professor and Head of Human Genetics
Research Unit Tor Vergata University, Roma - Italy;
EMA London - UK

Luigi Alberto Pini Professor of Pharmacology & Toxicology,
University of Modena - Italy

Francesco Proietti Director of CASPUR Inter-University Consor-
tium for Supercomputing in Research, Roma - Italy

Matthias Schwab Professor of Clinical Pharmacology, Dr. Margarete
Fischer-Bosch Institute of Clinical Pharmacology - Stuttgart
and University Tuebingen - Germany

Vincenzo Romano Spica Professor of Hygiene and Public Health, Foro
Italico University, Roma - Italy

Edoardo Spina Professor of Pharmacology,
University of Messina - Italy

Jennifer Van Eyk Associate Professor of Medicine, Johns Hopkins
NHLBI Proteomics Center - School of Medicine,
Baltimore - MD USA

Deepak Voora Associate Investigator, Institute for Genome
Sciences and Policy, Durham - NC USA

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Chairmen

Antonio Aceti Professor of Infection Diseases, University Sapienza of Roma - Italy

Sandro Barni MD, Oncologist Treviglio Hospital, Bergamo - Italy

Francesco Beguinot Professor of Clinical Pathology Department,
Univerity Federico II, Napoli - Italy

Alessandro Desideri Professor of Molecular Biology - Tor Vergata University, Roma - Italy

Massimo Gennarelli Professor of Medical Genetics, University of Brescia - Italy

Paolo Girardi Professor of Psychiatry, University Sapienza of Roma - Italy

Fredrick Fernando Director of Sport Medicine, Sant'Andrea Hospital, Roma - Italy

Paolo Marchetti Professor of Oncology, University Sapienza of Roma - Italy

Vincenzo Marigliano Professor of Gerontology and Geriatrics, University Sapienza of Roma - Italy

Paolo Martelletti Professor of Internal Medicine, University Sapienza of Roma - Italy

Antonio Pavan Professor of Clinical Pathology, University Sapienza of Roma - Italy

Santi Maria Recupero Professor of Ophthalmology, University Sapienza of Roma - Italy

Maurizio Simmaco Professor of Molecular Biology, University Sapienza of Roma - Italy

Organizing Committee

Maurizio Simmaco, Paolo Marchetti

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