

PERSONALIZED RESPIRATORY MEDICINE FROM SYSTEMS BIOLOGY TO PERSONALIZED MEDICINE

PROGRAM CAIXAFORUM. AVGDA FRANCESC FERRER I GUÀRDIA, 6-8. BARCELONA

Friday, June 13th, 2014

8:30 WELCOME AND INTRODUCTION

Welcome to the Symposium

Enric Banda, Director of Science, Research and Environment, "la Caixa" Foundation

Montserrat Vendrell, CEO, Biocat

Àlvar Agustí, President, Barcelona Respiratory Network

Historical and Ethical Aspects of Personalized Medicine

Jacob Sznajder, AJRCCM, Chicago, USA

9:00 SESSION 1: AN OVERVIEW

Chairs: **R. Faner**, **L. Furlong**, Barcelona, Spain

9:00 Systems Biology

J. Sharpe, CRG, Barcelona, Spain

9:30 Data Mining and Bioinformatics

Ferran Sanz, GRIB, UPF-IMIM, Barcelona, Spain

10:00 Systems Epidemiology

Josep Maria Antó, CREAL, Barcelona, Spain

10:30 Network Medicine

E. Silverman, Brigham and Women's Hospital/Harvard Medical School of Med. Boston, USA

11:00 Coffee break

B-DEBATE IS AN INITIATIVE OF:

WITH THE COLLABORATION OF:



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11:30 SESSION 2: CURRENT RESEARCH EXPERIENCES

Chairs: **O. Sibila, E. Barreiro**, Barcelona, Spain

11:30 Mechanisms of the Development of Allergy (MEDALL)

J. García-Aymerich, CREAL, Barcelona, Spain

12:00 Unbiased BIOMarkers in PREdiction of Respiratory Disease Outcomes (UBIOPRED)

P. Sterk, University of Amsterdam, Amsterdam, The Netherlands

12:30 Synergy COPD

J. Roca, IDIBAPS, Barcelona, Spain

13:00 An Industry View

B. Lindmark, Lab. Almirall, Barcelona, Spain

13:30 Fundació Ramon Pla Armengol Awards and Distinctions

À. Agustí; A. Rosell, Barcelona, Spain

13:45 Lunch break

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14:30 **SESSION 3: FUTURE IMPLICATIONS FOR THE
INDIVIDUAL/PATIENT AND THE HEALTH-CARE SYSTEM**

Chairs: **E. Monsó, J Ruiz**, Barcelona, Spain

14:30 **Individual Risk Stratification**

M. Puhan, Zürich Universität, Zurich, Switzerland

15:00 **Implications for the Health-care Systems**

J. Escarabill, Hospital Clinic, Barcelona, Spain

15:30 **What's Next?**

C. Auffray, European Institute for Systems Biology & Medicine, Lyon, France

16:00 **Conclusions and Closing**

Àlvar Agustí, Barcelona Respiratory Network, Barcelona, Spain

Jacob Sznajder, AJRCCM, Chicago, USA

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