

GCAT|Genomes for Life Community Symposium

20 June 2022, 09.15 – 14.15

The objective of the GCAT|Genomes for Life Community Symposium is to showcase a major European research asset, consisting of a well-advanced prospective cohort of 20,000 people, as focus point for cutting-edge research transecting a wide range of fields. This event aims to bring together stakeholders to discuss a snapshot of the cohort today and to take a part in the design of future mutually beneficial collaborations.

9.10 – 9.30 Introduction

9.10 Institutional Welcome
Jordi Barretina, Director of the IGTP

9.20 Opening

9.30 - 12.00 Keynote lectures: Cohort Studies for Predictive and Personalized Medicine

Chair: Jordi Barretina

9.30 The importance of cohorts in research and personalized medicine in the framework of IMPACT
Marina Pollán, Director, National Centre of Epidemiology (ISCIII) and Scientific Coordinator CIBERESP

10.00 Data for Predictive and Personalized Medicine (provisional title)
Alfonso Valencia, Director Life Science Department, Barcelona Supercomputing Centre, ICREA Research Professor

10.30 Genomics of Predictive and Personalized Medicine (provisional title)
Arcadi Navarro, Professor of Genetics at Universitat Pompeu Fabra and Director, Barcelona Beta Brain Research Center

11.00 - 11.30 Coffee

11.30 – 13.30 GCAT: an essential member of the hub for national and international population studies

Chair: Julia García-Prado

11.30 GCAT cohort, a general overview of the project and strategic alliances
Germans Trias i Pujol Research Institute (IGTP)

11.45 Role of GCAT cohort in European Epidemiology
Manolis Kogevinas, Scientific Director Severo Ochoa, ISGlobal

- 12.00 The role of national cohorts in health research to guide healthcare policy
(provisional title)
Ramon Roman, Director, PADRIS, Agència de Qualitat i Avaluació Sanitàries de Catalunya (AQuAS)
- 12.15 COVICAT
Carlota Dobaño, Immunology of Malaria Group, Health and Environment, ISGlobal
- 12.30 The generation and use of the GCAT Haplotype reference panel
David Torrents, Computational Genomics Group at the Barcelona Supercomputing Center (BSC) and ICREA Research Professor
- 12.45 Reconstructing demography and natural selection from high-coverage complete Genomes
Francesc Calafell, Department of Medicine and Life Sciences, Universitat Pompeu Fabra / Institut de Biologia Evolutiva (CSIC-UPF)
- 13.00 Use of GCAT Cohort in Genetic Studies
Gabriel Capella, General Director, Bellvitge Biomedical Research Institute – IDIBELL, Director Hereditary Cancer Programme, Institut Català d'Oncologia
- 13.15 Round Table and Questions
- 13.55 Conclusions and closure
- 14.10 Lunch