

Program Outline

Monday – 19 September

8:50 Opening remarks

OPENING LECTURE

Chairs: Elsa Rodrigues, Susana Solá

9:00 Pharmacogenomics – Current status

Professor Sir Munir Pirmohamed

*David Weatherall Chair of Medicine, University of Liverpool,
Director of the Centre for Drug Safety Sciences,
Director of the Wolfson Centre for Personalised Medicine.*

BIOMARKERS AT A GLANCE

10:10 What is a biomarker?

Marta Afonso

Junior Researcher, Faculty of Pharmacy Universidade de Lisboa

11:10 Biomarkers: from bench to bedside

Cecília Rodrigues

*Full Professor, Faculty of Pharmacy Universidade de Lisboa
Group leader, iMed.Ulisa, Faculty of Pharmacy, Universidade de Lisboa*

Lunch

14:00 WORKSHOP: SCIENCE COMMUNICATION AND OUTREACH

Chairs: Rui Castro, Joana Amaral

14:00 Science education and outreach

Catarina Ramos, PhD

Head Communications, Events & Outreach, Champalimaud Foundation

15:00 Public engagement with science

Pedro Ferreira, PhD

*Science Communication and Outreach Postdoctoral Coordinator at INESC-ID
Instituto Superior Técnico. Universidade de Lisboa*

TUESDAY – 20 September

10:00 Student Group Discussion

Lunch

BIOMARKERS IN NEUROSCIENCES

Chairs: Elsa Rodrigues; Maria João Nunes

15:00 Modeling Late Onset Alzheimer's disease in animal models.

Adrian L. Oblak

Assistant Professor of Radiology & Imaging Sciences, School of Medicine, Indiana University

16:00 The therapeutic and biomarker potentials of microglia in Alzheimer's disease

Miguel Moutinho

Assistant Research Professor, Stark Neurosciences Research Institute, School of Medicine, Indiana University

17:00 Decoding lysosomal nutrient sensing in growth, metabolism and disease

Roberto Zoncu

Associate Professor of Biochemistry, Biophysics and Structural Biology Berkeley, University of California

WEDNESDAY – 21 September

BIOMARKERS IN CANCER

Chairs: Elsa Rodrigues, Marta Afonso

9:00 Next-generation biomarkers for cholangiocarcinoma

Pedro Rodrigues

IKERBASQUE Research Fellow, Biodonostia Health Research Institute

10:00 Metabolic control of breast cancer behaviour: focus on lipids

Sérgio Dias

*Principal Investigator, Instituto de Medicina Molecular João Lobo Antunes
Invited Associate Professor, Faculty of Medicine, Universidade de Lisboa*

12:00 Protein biomarker discovery to delivery

Professor Stephen R Pennington

Professor of Proteomics, Senior Fellow UCD Conway Institute, School of Medicine, University College Dublin

Lunch

13:00 WORKSHOP: SCIENTIFIC PUBLISHING

Chairs: Elsa Rodrigues, Joana Amaral

[The editorial process and a career as an editor](#)

Alfredo Gimenez-Cassina, PhD

Associate Editor at Nature Metabolism

THURSDAY – 22 September

BIOMARKER IN METABOLIC DISEASES AND REGENERATIVE MEDICINE

Chairs: Elsa Rodrigues, Andreia Neves Carvalho

[9:00 Biomarkers of muscle fitness and metabolic disease](#)

Jorge Ruas

Professor of Molecular Physiology, Group leader for the Molecular and Cellular Exercise Physiology research group

Karolinska Institute

[10:00 Using biomaterials and stem cells secretome for regenerative approaches in the Central Nervous System](#)

António Salgado

Coordinating Investigator, Vice-President for Research at the School of Medicine, ICVS - Life and Health Sciences Research Institute.

University of Minho

[11:00 Do these genes make me look fat?"](#)

Inês Barroso

Professor of Diabetes, College of Medicine and Health

University of Exeter

Lunch

[14:00 Student Group Discussion](#)

FRIDAY – 23 September

BIOMARKERS IN HOST-PATHOGEN INTERACTIONS

Chairs: Elsa Rodrigues, André Santos

9:30 RNA modifications and parasite virulence

Luísa Figueiredo

Principal Investigator, Instituto de Medicina Molecular João Lobo Antunes

Universidade de Lisboa

10:30 Mechanisms of resistance in Malaria

Isabel Veiga,

Assistant Researcher, ICVS - Life and Health Sciences Research Institute.

University of Minho

11:30 NOVIRUSES2BRAIN - Developing broad spectrum brain-targeting drugs
against flaviviruses and other envelope viruses

Miguel Castanho

Full Professor. Faculdade de Medicina, Universidade de Lisboa

Principal Investigator, Instituto de Medicina Molecular João Lobo Antunes

Universidade de Lisboa

Lunch

14:00 Student Group Discussion