



## OPEN LABS

27 october, Building C8, 12:30-14:30 and 17:00-18:30

The **OPEN LABS Initiative** is a new and live experience of CIÊNCIAS Research Day. It is targeted to connect CIÊNCIAS **researchers / research groups with mutual or complementary interests and expertise**, to spark creative discussions, generate novel scientific ideas, and establish new research collaborations, and to **university students wishing to explore research opportunities**.

This year we invite you to join researchers, technicians and/or graduated students in **guided tours** to labs supporting research at the **Biosystems & Integrative Sciences Institute (BioISI)**, the **Centro de Química Estrutural (CQE)** and the **Laboratório de Instrumentação e Física Experimental de Partículas (LIP)**.

**Be part of the Open Lab Initiative!**

## BioISI Research Labs (ordered by hour and room)

Researcher	Hour	Participants/ Round	Room	Research Lab Scientific Area
Helena Gaspar (BioISI) / Cristina Moiteiro (CQE)	12:30-13:00	8	8.5.55	Marine Chemistry Laboratory/Natural Products
Federico Herrera	12:30-14:30		8.1.75	Cell Structure and Dynamics
Maria Luísa Serralheiro / Rita Guedes	12:30-14:30		8.1.78	Mass Spec Facility
Manuela Pereira	12:30-14:30		8.4.56	Bioenergetics Lab
Miguel Machuqueiro / Paulo Costa / Bruno Victor	12:30-14:30		8.5.53	Computational Chemistry
Cláudio Gomes e Bárbara Henriques	12:30-14:30		8.5.56	Protein Misfolding and Amyloids in Biomedicine
Federico Herrera	17:00-18:30		8.1.75	Cell Structure and Dynamics
Ana Isabel Janeiro / Vukosava Torres	17:00-18:30		8.1.78	Mass Spec Facility
Hugo Botelho	17:00-18:30		8.1.79	Facility de High-Throughput (Microscopy) Screenings
Miguel Machuqueiro / Paulo Costa / Bruno Victor	17:00-18:30		8.5.53	Computational Chemistry

## CQE Research Labs (ordered by hour and room)

Researcher(s)	Hour	Rounds	Participants/ Round	Room	Research Lab Scientific Area
Cristina Moiteiro (CQE) / Helena Gaspar (BioISI)	12:30-13:00	1	8	8.5.55	Marine Chemistry Laboratory/Natural Products
José Nogueira / Nuno Neng / Oriana Gonçalves	12:30-13:30	2	8	8.2.48	Analytical Chemistry / Sample Preparation and Chromatography Techniques
Ana P. Carvalho / Ana S. Mestre	12:30-13:30	2	8	8.3.60	Adsorption and Adsorbent Materials
Jorge Correia / Ana Viana	12:30-14:00	no limit		8.3.46/47/62	Interfacial Electrochemistry
Rodrigo Almeida / Joaquim T Marquês / Andreia Bento-Oliveira	12:30-14:00	no limit		8.4.67	Molecular Biophysics
Manuel Minas da Piedade	13:00-14:00	2	15	8.3.49/53	Molecular Energy Laboratory
Olinda Monteiro	13:00-14:30	2	6	8.3.47	Nanomaterials/synthesis and photocatalytic applications
Fernando Santos / Carla Queirós / Xavier Mendez	13:30-14:00	2	5	8.4.31	Thermophysical Properties / Viscosity and Electrical Conductivity Measurement
Ângela Santos / Ana Cristino / Luís Nobre	13:30-14:00	2	5	8.4.32	Fluid Science and Engineering. Measurement of Densities, speeds of sound and refractive indices
Filomena Martins	14:00-14:30	1	6	8.3.12	Chemical Kinetics and Solution Calorimetry
Fernando Antunes / Helena Soares	14:00-14:30	1	6	8.4.61	Redox Biology/Cell Culture
Susana Marinho / Bruno Carmona	17:00-17:30	1	6	8.4.61	Redox Biology/Cell Culture
Amélia Rauter / Nuno Xavier / Jaime Coelho	17:00-17:30	1	8	8.5.40/41	Organic chemistry
Manuel Minas da Piedade	17:00-18:00	2	15	8.3.49/53	Molecular Energy Laboratory

## LIP Research Labs (half an hour tour to all 3 labs)

Researcher	Hour	Participants/ Round	Room	Research Lab Scientific Area
João Gentil	13:00-14:30	6	8.5.08	Scintillating materials and radiation detection. Application to ion beam radiotherapy
Daniel Galaviz			8.5.15	Nuclear Physics and Reactions in Stars. Study the functioning of Stars in the laboratory
Luis Peralta			8.5.23	Radiation Physics in space, environment, art and health