

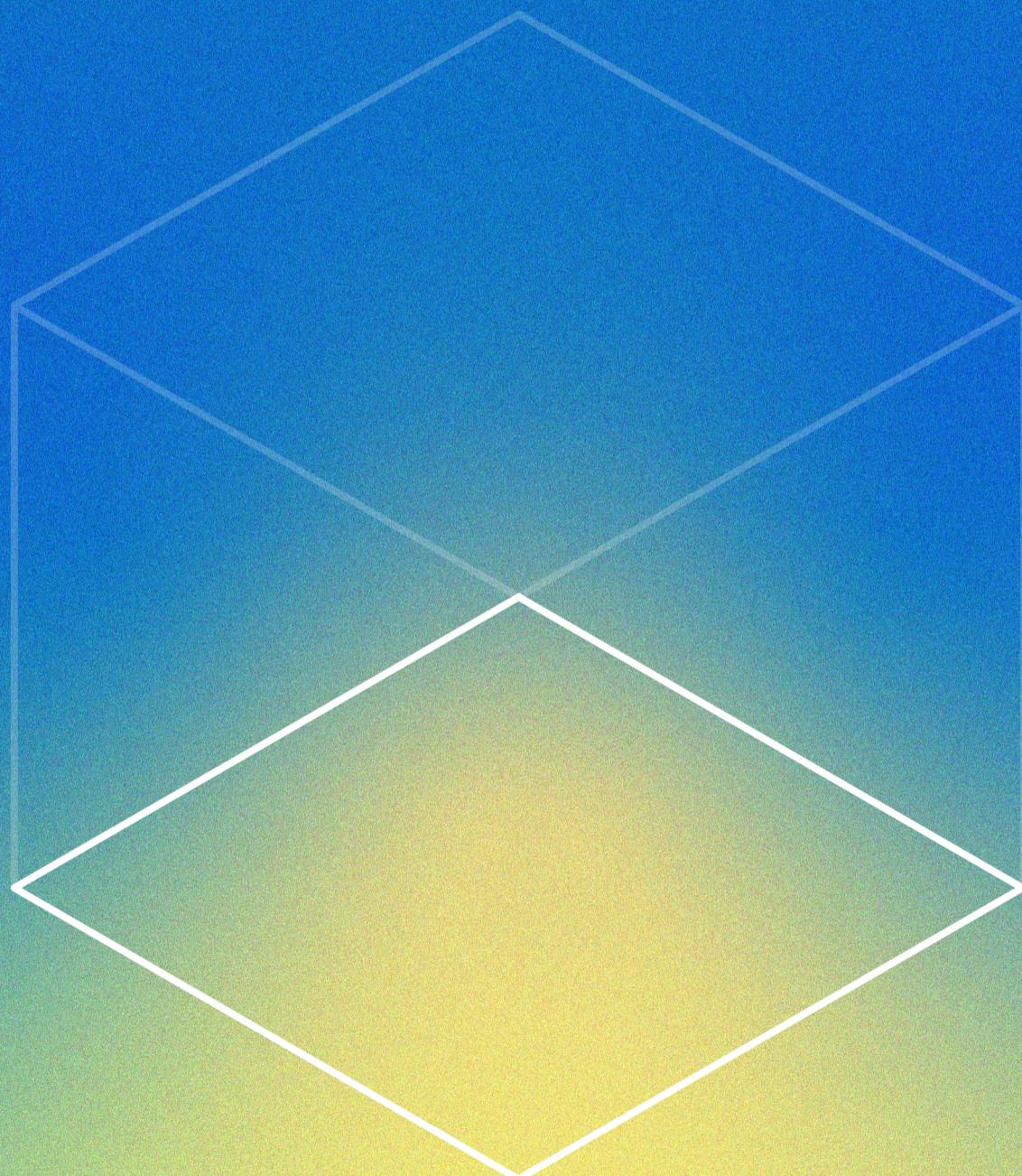
Metabolism, Aging & Disease

6th CiBB retreat

Shaping the Future:
Metabolism, Aging and
Disease in Perspective

20-21 January, 2026

Subunit 3, Faculty of Medicine,
University of Coimbra (Polo III)



Program 1/4

20 January, 2026

Subunit 3 of the Faculty of Medicine
of the University of Coimbra (Polo III)

8:30

Registration and Board Meeting

Welcome participants & Networking | Coffee | Placement of Posters

9:00

Opening session

Carlos Robalo Cordeiro (Director of FMUC), **Luís Almeida** (Director of CiBB)
Paulo Oliveira (Coordinator of MAD Area, CNC-UC, CiBB)

Session 1 | Aging Biomarkers: Metabolism and Nutritional Interventions

Chairs: **Ana Cristina Gonçalves** (iCBR-FMUC, CiBB) & **Carla Lopes** (MIA-Portugal, CiBB)

9:30

The Aging Testis: Metabolic Drivers of Declining Male Reproductive Potential | **Marco Alves** (iBiMED, University of Aveiro)

10:10

Nutrition and cancer: diagnostic and prognostic biomarkers | **Paula Rivasco** (Católica Medical School, Catholic University of Portugal)

10:40

Hypothermic Oxygenated Perfusion in Liver Transplantation: Revealing Predictive Biomarkers and Metabolic Adaptations | **Filipa Pereira** (iCBR-FMUC, CiBB)

10:50

Final round table discussion

11:05

Coffee break

Session 2 | Non-pharmacological approaches and disease prevention

Chairs: **Pedro Dionísio** (MIA-Portugal, CiBB) & **Ana Silva** (CNC-UC, CiBB)

11:25

Gut Feelings: Can what we eat change how we think and feel? | **Ana Isabel Gomes** (Coimbra ULS, Institute of Medical Psychology, UC)

12:05

A clinical study on the effect of consuming Luso mineral water on urolithiasis | **Conceição Egas** (CNC-UC, CiBB)

12:35

Mitochondria–Lysosome Contact Dynamics in Glioblastoma Progression | **Daniela Madureira** (MIA-Portugal, CiBB)

12:45

Final round table discussion

13:00

Lunch

Program 2/4

20 January, 2026

Subunit 3 of the Faculty of Medicine
of the University of Coimbra (Polo III)

Session 3 | Emerging Directions in Biomedicine and Biological Systems

Chairs: Margarida Abrantes (iCBR-FMUC, CiBB) & Henrique Girão (iCBR-FMUC, CiBB)

14:00 **Photodynamic therapy: new advances for oral bone regeneration** | Inês Dias (iCBR-FMUC, CiBB)

14:10 **Photodynamic therapy for endometrial cancer: Toward a cancer stem cell-targeted approach** | Beatriz Serambeque (iCBR-FMUC, CiBB)

14:20 **Current developments in musculoskeletal tissue engineering and complex in vitro 3D tissue/disease models** | Joaquim Miguel Oliveira (3Bs, University of Minho)

15:20 **Final round table discussion**

15:30 **Poster session**

16:00 **Coffee break**

Session 4 - Round Table | The Path to Success: Science Management Insights

Chairs: Elsa Henriques (CNC-UC, CiBB)

16:20 **Anabela Isidro** (Agency for Clinical Research and Biomedical Innovation)
João Malva (iCBR-FMUC, CiBB, CiBB)
Lino Ferreira (CNC-UC, CiBB)

17:10 **Recreational activity**

Program 3/4

21 January, 2026

Subunit 3 of the Faculty of Medicine
of the University of Coimbra (Polo III)

Session 5 | Immunosenescence and new vaccines

Chairs: **Teresa Rosete** (FFUC, CNC-UC, CiBB) & **Tiago Alfaro** (Coimbra ULS, FMUC)

9:00 **Immunological Basis of Immunosenescence** | **Frederico Regateiro** (Coimbra ULS, FMUC)

9:20 **Nanocarrier Engineering for Next-Generation Mucosal Vaccine Adjuvants**
| **Olga Borges** (FFUC, CNC-UC, CiBB) & **Mariana Colaço** (FFUC, CNC-UC, CiBB)

9:50 **Vaccines in the elderly** | **Margarida Prata** (Coimbra ULS, FMUC)

10:10 **Chemotherapy-induced cardiac remodeling promotes metastatic relapse in osteosarcoma** | **Gabriela Ribeiro** (iCBR-FMUC, CiBB)

10:20 **Final round table discussion**

10:35 **Poster session**

11:05 **Coffee break**

Session 6 | Obesity and related comorbidities

Chairs: **John Jones** (CNC-UC, CiBB) & **Sofia Viana** (iCBR-FMUC, CiBB)

11:25 **GLP-1 receptor agonists in the treatment of Type 2 Diabetes** | **Agostino Di Ciaula** (Clinica Medica "A. Murri", AOUC Policlinico Bari, Department of Precision and Regenerative Medicine and Ionian area (DiMePre-J) University of Bari Aldo Moro)

12:05 **From Diet to Therapy: Novel Approaches Targeting Obesity and its Related Disorders** | **Sílvia Conde** (iNOVA4Health, NOVA Medical School)

12:35 **Mitochondrial dysfunction drives a maladaptive peroxisomal response disrupting lipid homeostasis** | **Patrícia Coelho** (MIA-Portugal, CiBB)

12:45 **Final round table discussion**

13:00 **Lunch**

Program 4/4

21 January, 2026

Subunit 3 of the Faculty of Medicine
of the University of Coimbra (Polo III)

Session 7 | An integrated perspective on the environment exposures to human metabolism

Chairs: **Tânia Marques** (iCBR-FMUC, CiBB) & **Anabela Marisa Azul** (CNC-UC, CiBB)

14:30 **Why is the integrity of aquatic ecosystems important for human health?**
| **Maria João Feio** (FCTUC)

15:10 **Environmental and Socioeconomic Exposures Shaping Metabolism and Weight Trajectories in Childhood: An Integrated Human Biology Perspective** | **Daniela Rodrigues** (CIAS, DCV-UC)

15:40 **Unconventional intraepithelial lymphocytes as early guardians of the gut against pathogenic invasion** | **Ana Rita Matias** (CNC-UC, CiBB)

15:50 **Final round table discussion**

Session 8 | MADly New!

Chairs: **Salomé Pires** (iCBR-FMUC, CiBB)

16:05 **Pitch & Beer**
João Rito (SEAentia)
Cátia Duarte (Rheumatology Department, Coimbra ULS)
Tânia Marques (iCBR-FMUC, CiBB)
Sofia Viana (iCBR-FMUC, CiBB)
Elisabete Ferreiro (CNC-UC, CiBB)
Roberto Dias (MIA-Portugal, CiBB)
Ana Bela Sarmento Ribeiro (iCBR-FMUC, CiBB)

17:05 **Awards & Closing Session**