

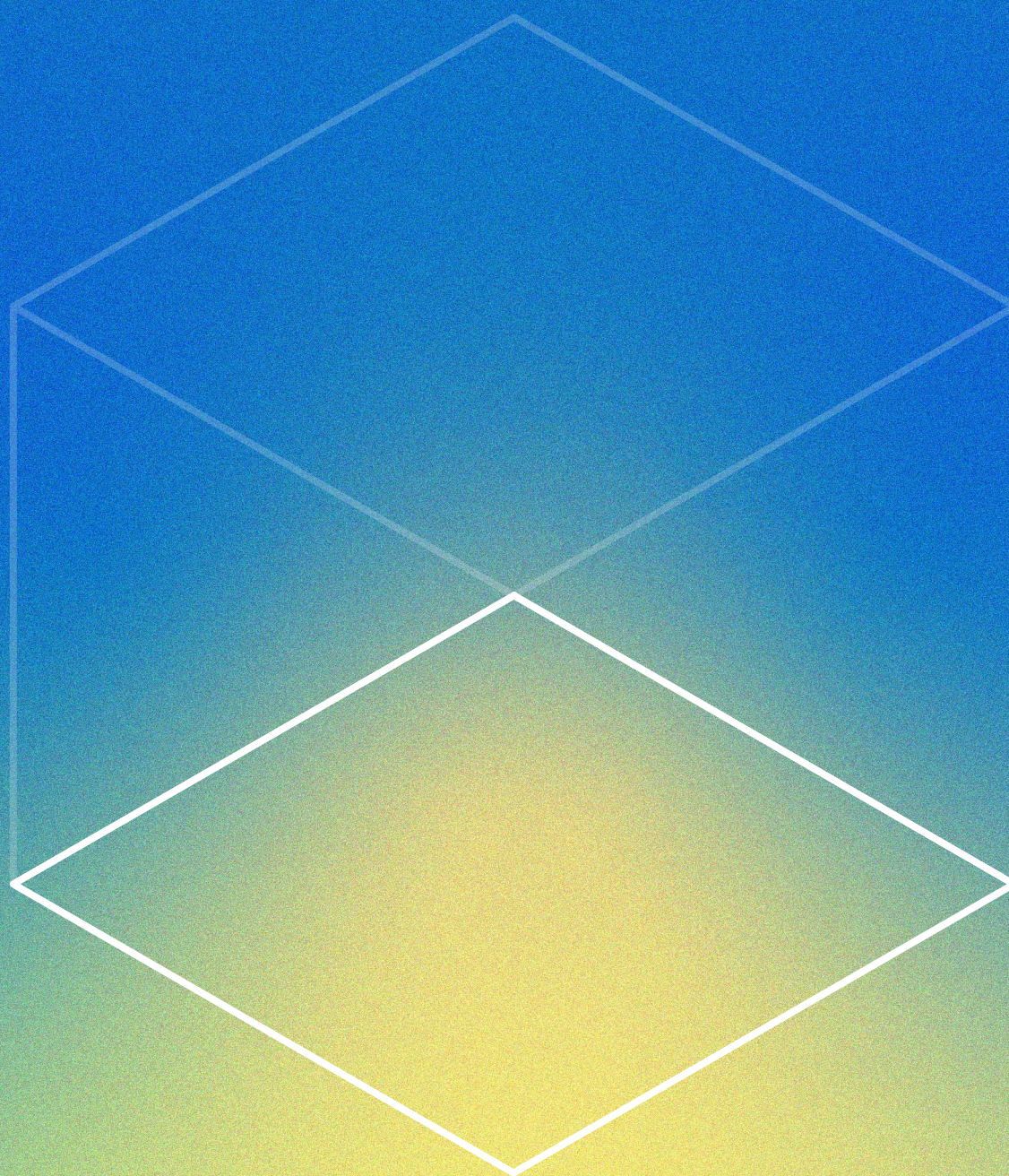
Metabolism, Aging & Disease

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)



CiBB is an FCT-funded R&D Unit (UID/04539/2025; UID/PRR/4539/2025) and an Associate Laboratory (LA/P/0058/2020)

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 Ravasco (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
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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)

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| 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)

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|-------|--|
| 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
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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 Ferreira (CNC-UC, CiBB)
Roberto Dias (MIA-Portugal, CiBB)
Ana Bela Sarmiento Ribeiro (iCBR-FMUC, CiBB)
- 17:05** **Awards & Closing Session**