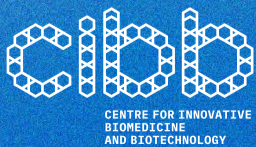
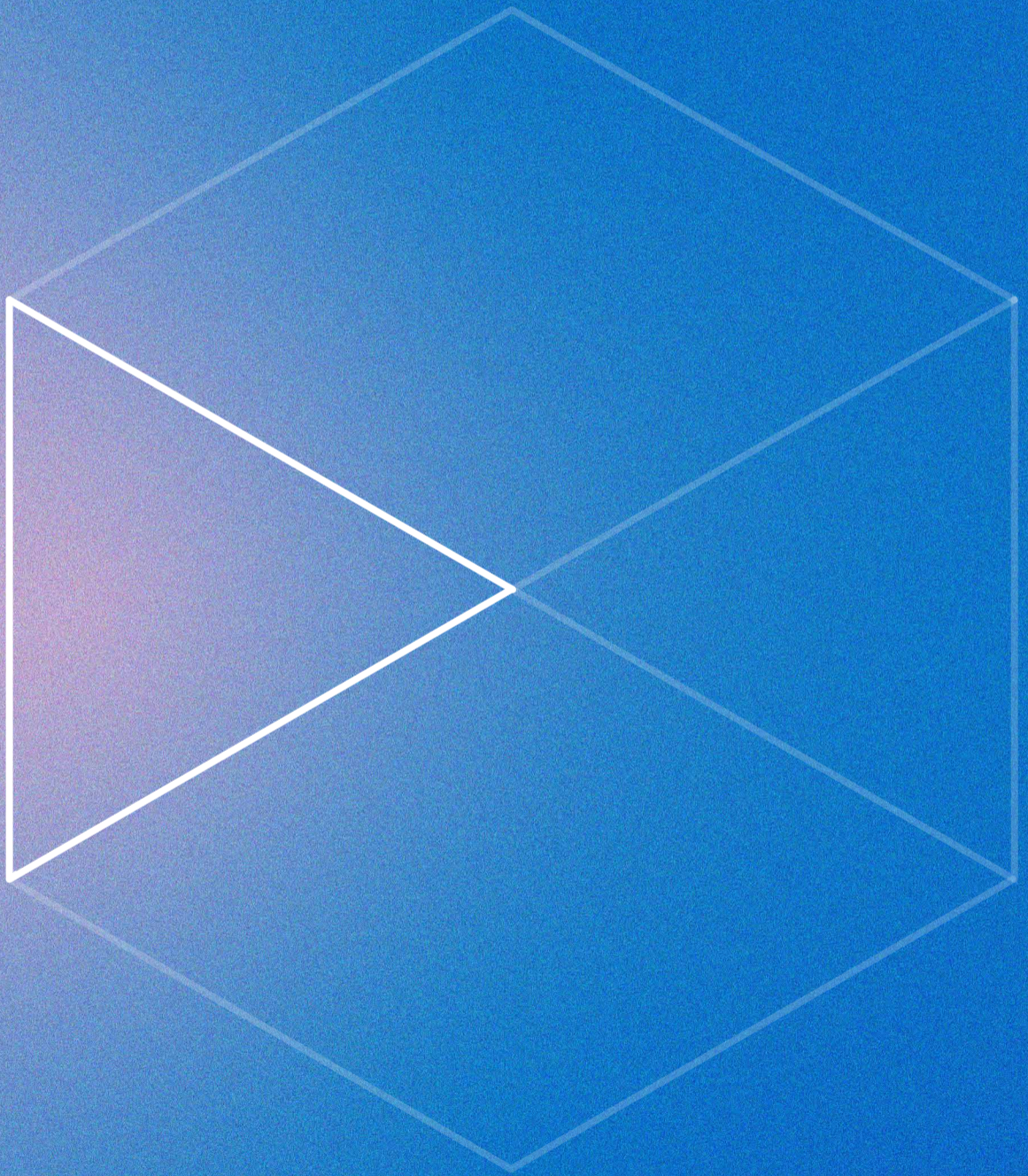


# Innovative Therapies

4th CiBB Retreat

27 September, 2024

Museu Nacional de Conímbriga,  
Condeixa-a-Velha



CiBB is an FCT-funded R&D Unit (UIDB/04539/2020) and an Associate Laboratory (LA/P/0058/2020)

# Program 1/2

27 September, 2024

Museu Nacional de Conímbriga,  
Condeixa-a-Velha

**8:30 - 9:00**      **Registration**

**9:00 - 9:15**      **Opening session**

**Lino Ferreira** (CiBB Innovative Therapies Coordinator),  
**Luís Pereira Almeida** (CiBB President)

## Meet your thematic line 1/2

**9:15 - 9:50**      **Flash talks from Group Leaders**

*Who are we? What do we do? How can we contribute to a joint path? (5min presentations)*

**Immune cell reprogramming** | Pedro Cunha  
**Functional Proteomics in Health and Disease** | Bruno Manadas  
**Advanced Cell Technology** | Hugo Fernandes  
**Data-Driven Molecular Design** | Nícia Ferreira  
**Tumor Microenvironment and Targeted Therapies** | João Nuno Moreira  
**Advanced Therapies** | Lino Ferreira

**9:50 - 10:20**      **Q&A and Discussion**

**10:20 - 10:40**      Coffee break + Poster view

**10:40 - 11:30**      **Flash poster presentations** *One per group (4min presentations)*

**Vera Mendes**, Moutinho, D., Madeira, S., Baldeiras, I., Gerreiro, M., Cardoso, S., Aidos, H., Santana, I., Mendonça, A., Manadas, B., **Finding Candidate Biomarkers for Early Diagnosis in Alzheimer's Disease: Overcoming Cohort Heterogeneity**

**Beatriz Vaz**, Arh, N, Rosa, F, Pereira, C-F. **RNA-based cell fate reprogramming for cancer immunotherapy**

**Cláudia Deus**, Tavares, H, Beatriz, M, Raimundo, N, Oliveira, PJ, Lopes, C. **Impairment of mitochondrial-lysosomal axis promotes the release of pro-inflammatory cargo via extracellular vesicles**

**Beatriz Caniceiro**, Preto, A, Duarte, F, Fernandes, H, Ferreira, L, Mourão, J, Moreira, I. **Unveiling CPP Behavior Through Machine Learning**

**Inês Tomé**, Rosa, S, Sanfeliu-Redondo, D, Vizioli, MG, Pitrez, P, Gracia-Sancho, J, Francisco, V, Jurk, D, Ferreira, L. **Senotherapeutic nanoparticles to target cell senescence in the blood brain barrier**

## Meet your thematic line 2/2

**11:30 - 12:00**      **Flash talks from Group Leaders**

*Who are we? What do we do? How can we contribute to a joint path? (5min presentations)*

**Vectors, gene, and cell therapy** | Luís Almeida  
**Functional Genomics and RNA-based Therapeutics** | Miguel Mano  
**Bioinformatics** | Mathias Futschik  
**Molecular Microbiology and Microbiome** | Nuno Empadinhas  
**Medical Microbiology** | Teresa Gonçalves

# Program 2/2

27 September, 2024

Museu Nacional de Conímbriga,  
Condeixa-a-Velha

**12:00 - 12:30 Q&A and Discussion**

**12:30 - 13:20 CoLabs Round Table** *3 CoLabs (10min each + 20min discussion)*

**AccelBio** (Bárbara Gomes)

**CoLab4Ageing** (Philipp Tsolakis and Helena Antunes)

**VectorB2B** (Ana Custódio)

**13:20 - 15:00 Lunch and networking**

*Walk at "Passadiços de Rio dos Mouros". Bring comfortable shoes to walk safely and easily!*

**15:00 - 15:30 Flash poster presentations** *One per group (4min presentations)*

**Inês Barros**, Gonzaga, D., Lobo, D., Lopes, S., Martins, I., Silva, A., Almeida, L., Miranda, C.O., **Exploring Mesenchymal Stromal Cells' Potential to Restore Blood-Brain Barrier Integrity in Machado-Joseph Disease**

**Mathias Futschik**, **From data to knowledge through Integrative Bioinformatics: Research Lines, Analysis Support and Training**

**Inês Cravo Roxo**, Alarico, S., Maranhã, A., Fonseca, A., Machado, D., Tiago, I., Duarte, R., Empadinhas, N., **Drinking water microbiota, mycobacteria & gut microbiome dysbiosis**

**Daniela Calheiros**, Domingues, R., Afonso, M., Rodrigues, L., Nogueira, C., Strader, M., Slater, J., Todo-Bom, A., Eva-Miguéis, AC, Fernandes, C, Gonçalves, T. **Characterization and immunomodulatory effect of *Alternaria alternata* extracellular vesicles**

**Caio Franco, Costa**, S., Mano, M., Eulálio, A. **Identification of host microRNAs regulating the infection of macrophages by invasive and non-invasive *Salmonella* strains**

**Ana Luisa Matos**, Mohlin, F., Blom, A. M., Simões, I., **Deciphering Host-Rickettsia interactions: moonlighting APRc recruits human complement regulator C4BP acting as an evasin**

**15:30 - 16:00 Coffee break + Poster view**

**16:00 - 16:30 Face2Sci: Viral vectors vs. Non-viral vectors**

*Two teams (5 min presentation for each team, 20 min discussion)*

**Viral vector team: Dina Pereira, Rita Perfeito, Sara Lopes, Sónia Duarte**

**Non-viral vector team: Olga Borges, Teresa Amaral, Susana Simões**

**16:30 - 17:00 Closing session**

**Lino Ferreira, Bruno Manadas, Teresa Gonçalves, Rui Nobre, Luís Almeida**

*Life Achievement and Future Perspectives – Professor Euclides Pires*