



1ST NMS RESEARCH WEEK

Monday – October 16th

Musculoskeletal Health

13h30 – 14h00

14h00 – 14h45

14h45 – 15h45

15h45 – 16h00

16h00 – 17h00

17h00 – 18h00

Registration

Opening Session

Helena Canhão – *Dean*

Patrícia Calado – *Vice-Dean for Research*

Aníbal Ferreira – *Vice-Dean for the Interface with Health and Clinical Units*

Maria Paula Macedo – *Biomedicine PhD Coordinator*

Miguel Seabra – *Health Sciences PhD Coordinator*

Oral Communications

- *ARDS mortality prediction model using evolving clinical data and chest x ray imaging* – Ana Cysneiros
- *Exploring Faecal Corticosteroid Metabolite Dynamics in Response to Chronic Pain: Insights into Stress Modulation* – Ana Rosa Abreu
- *Minimal Intervention of Patient Education for Low Back Pain: A Systematic Review with Meta-Analysis* – Luís Gomes
- *Femoroacetabular contact force measurement in hip arthroscopy* – Pedro Dantas
- *Knee Joint Line Orientation Assessment* – Dúnio Jácome Pacheco

Joint Discussion

Coffee Break & Poster Session

Raquel Lucas (ISPUP)

Rheumatic and musculoskeletal disorders: the elephant in the room



1ST NMS RESEARCH WEEK

Tuesday – October 17th

Healthy Brain & Retina and Vision

13h30 – 14h00

14h00 – 14h45

14h45 – 15h00

15h00 – 15h45

15h45 – 16h00

16h00 – 17h00

17h00 – 18h00

Registration

Oral Communications

- *Abnormal white matter structural connectivity in patients with obsessive-compulsive disorder* – Nelson Descalço
- *Unveiling insulin degrading enzyme as a novel therapeutic target for Parkinson's disease* – Luís Sousa
- *The Impact of The Alzheimer's Genetic Risk Factor CD2AP on Spinal F-Actin Dynamics and AMPAR Endosomal Trafficking* – Jorge Castanheira
- *Metabolic Control of Stem Cell Fate by Acetyl-CoA* – Hugo Silva

Joint Discussion

Oral Communications

- *RBP3 as a therapeutic approach for retinal diseases* – Beatriz Vaz
- *OCT and OCTA parameters progression in eyes of type 2 diabetes mellitus patients after medication with SGLT2i and/or GLP1ra - An observational prospective study* – Bruno Pereira
- *Metabolic adaptation during zebrafish larvae retina regeneration* – Rita Gorgulho
- *Improving the assessment of microcirculatory dysfunction in septic shock patients using optical coherence tomography angiography at the bedside - a preliminary report* – André Alexandre

Joint Discussion

Coffee Break & Poster Session

Tiago Gil Oliveira (ICVS)

The role of lipid signaling in Alzheimer's disease



1ST NMS RESEARCH WEEK

Wednesday – October 18th

Cardiorespiratory Function and Infection & Cardiovascular, Renal and Metabolism

13h30 – 14h00

14h00 – 14h45

14h45 – 15h00

15h00 – 15h45

15h45 – 16h00

16h00 – 17h00

17h00 – 18h00

Registration

Oral Communications

- *Comparison of Metabolic Effects of Bariatric Arterial Embolization vs. Bariatric Surgery (BEOD)* – Rodrigo Oliveira
- *Circular Dorsal Ruffles regulates Insulin/receptor internalization and signaling* – Akiko Teshima
- *Long-term survival after tavi: search for clinical and imaging predictors* – João Brito
- *Exploring the Connection Between Metabolic-Associated Steatotic Liver Disease and Insulin Mechanisms: a PREVADIAB2 Cluster Analysis* – Maria João Meneses

Joint Discussion

Oral Communications

- *The dynamic interaction between inflammation and iron sensors in malaria-induced anemia* – Ana Pêgo
- *Multicenter retrospective analysis of catheter-based therapy for acute pulmonary embolism – intraprocedural and short-term outcomes* – Sílvio Leal
- *Immune Variations in Healthy Pregnancy: A Comprehensive Analysis of B and T-Cell Profiles* – Miguel Ângelo-Dias
- *Precision Urology in Recurrent Nephrolithiasis* – Pedro Baltazar

Joint Discussion

Coffee Break & Poster Session

Zita Santos (iMM)

From Cell Biology to Metabolism and Back



1ST NMS RESEARCH WEEK

Thursday – October 19th

Cancer

13h30 – 14h00

14h00 – 14h45

14h45 – 15h00

15h00 – 15h45

15h45 – 16h00

16h00 – 17h00

17h00 – 18h00

Registration

Oral Communications

- *Urinary extracellular vesicle proteins as signatures for cribriform and intraductal prostate carcinoma* – Rui Bernardino
- *Identification of novel genetic alterations that increase the risk and aggressiveness of paediatric thyroid cancer with impact in diagnosis and treatment* – Carolina Pires
- *Development of miRNA-based therapeutic nanoconjugates to target lung cancer progression* – Diana Sousa
- *Targeting glutamine availability with glutaminase 1-based glioblastoma therapy* – Filipa Martins

Joint Discussion

Oral Communications

- *Characterization of pancreatic intraepithelial neoplasia with diffusion tensor imaging: a pre-clinical study* – Carlos Bilreiro
- *Increasing HLA-DR-expressing Cytotoxic T lymphocytes as a novel approach to improve Breast Cancer therapy* – Rute Salvador
- *EGF-promoted metabolic and gene expression remodeling opens metabolism-based therapeutic opportunities in NSCLC* – Cindy Mendes
- *Vitamin E-based micelles for multimodal pancreatic cancer nanotheranostics* – Jhenifer Oliveira

Joint Discussion

Coffee Break & Poster Session

Rita Fior (Champalimaud Foundation)

Zebrafish Avatars for anti-cancer personalized medicine



1ST NMS RESEARCH WEEK

Friday – October 20th

Nutrition, Food Science, Health Promotion & Care

13h30 – 14h00

14h00 – 14h45

14h45 – 15h00

15h00 – 15h45

15h45 – 16h00

16h00 – 17h00

17h00 – 18h00

Registration

Oral Communications

- *Creation of Value in Health after Cardiac Surgery* – Jorge Santos
- *Impact of short-term feeding of a berries-enriched diet in the microbiome and metabolome across the mammalian intestine* – Catarina Pinto
- *Low molecular weight polyphenol metabolites impact on EVs and Parkinson's disease hallmarks* – Rúben Rodrigues

Joint Discussion

Oral Communications

- *Immune cells, inhibitory receptors and endometriosis* – José Lourenço Reis
- *RESTART Project – An intervention study based on the microbiota and adipocyte-centric view to improve the success of bariatric surgery* – Shámila Ismael
- *A Randomised Controlled Trial of a Weight Loss Maintenance Program in Adults with Obesity: The WLM3P Study* – Vanessa Pereira
- *The effectiveness of concept mapping as a tool for developing critical thinking in undergraduate medical education – a BEME systematic review* – Marta Fonseca

Joint Discussion

Coffee Break & Poster Session

José Camolas (FMUL)

Evidence-based nutrition: personal experiences and challenges