PROGRAMME _

22ND INTERNATIONAL SYMPOSIUM OF THE PORTUGUESE SOCIETY FOR METABOLIC DISORDERS

THE FUTURE OF INBORN ERRORS OF METABOLISM: DECODING COMPLEXITY, DELIVERING INNOVATION

HOTEL VILA GALÉ, COIMBRA

18th–20th March

spdm SOCIEDADE PORTUGUESA DE DOENÇAS METABÓLICAS

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SYMPOSIUM CHAIRPERSON

João Durães, ULS Coimbra

ORGANIZING COMMITTEE

João Durães, ULS Coimbra
Sónia Moreira, ULS Coimbra

SCIENTIFIC COMMITTEE

Helder Esperto
Joana Salgado
João Gomes
Luísa Diogo
Maria Carmo Macário
Maria Guedes Marques
Rui Diogo
Sara Ferreira
Tabita Maia

https://simposio.spdm.org.pt/

SCIENTIFIC PROGRAMME

WEDNESDAY, 18TH MARCH

14:00--18:00	**Pre-Congress Course: Emergencies in IEM: Practical Protocols and Interdisciplinary Management**
18:00--19:00	**SPDM Working groups meeting**
19:00--20.00	**SPDM Nutrition groups meeting**

THURSDAY, 19TH MARCH

09:00	**Symposium Opening** *Symposium Chairperson - João Durães*
09:20	**Session I – New avenues for diagnosis and treatment of Neurometabolic diseases**
09:20	**From Disease Discovery to Treatment in DEGS1 leukodystrophy**
09:40	**New therapy advancements in Metachromatic Leukodystrophy**
10:00	**Usefulness of blood tests in the diagnosis of GLUT1 deficiency syndrome**
10:20	Discussion
10:40	Coffee Break & Posters
11:10	**Session II - Managing and treating lysosomal storage disorders**
11:10	**New therapeutic approaches in Fabry disease**
11:30	**Management of pregnancy in lysosomal storage disorders**
11:50	**Hematopoietic Stem Cell Gene Therapy for Mucopolysaccharidosis Type I: clinical outcomes**
12:10	Discussion
12:30	**Sessão III - Oral Communications**
13:30	Lunch
14:00	**Industry session**
15:00	**Session IV - Mitochondrial diseases: are we ready for innovative therapies?**
15:00	**Three decades of translational research in Leber's Hereditary Optic Neuropathy: what have we learned?**
15:20	**Recent advances in diagnosis and treatment of TK2 Deficiency**

15:40	**Small molecules as a therapeutic strategy in mitochondrial diseases**
16:00	Discussion
16:15	Coffee Break & Posters
17:00	**Session V - Masterclass PKU – Past, Present, and Future Perspectives**

FRIDAY, 20TH MARCH

09:00	**Session VI – Recent therapeutic advances in Glycogen Storage Diseases**
09:00	**Hepatic outcomes in adult patients with glycogen storage disease type III**
09:20	**Bempedoic acid prolongs fasting time in patients with GSD type 1a**
09:40	**New avenues to treat Neutropenia in GSD type Ib and G6PC3-deficient patients**
10:00	Discussion
10:20	Coffee Break & Posters
11:00	**Session VII – Advances and Challenges in Therapeutic Approaches for Inherited Amino Acid Catabolism Disorders**
11:00	**Therapy for Urea Cycle Disorders: Current Practice and Future Prospects**
11:20	**Liver Transplantation in Aminoacidopathies and Organic Acidemias: The Portuguese Experience**
11:40	Discussion
12:00	**Industry symposium**
13:00	Lunch
14:00	**Session VIII - Oral communications & selected posters**
15:00	**Session IX - Therapeutic and Technological Innovation in Inherited Metabolic Diseases**
15:00	**Targeted Nanomedicine in Inherited Metabolic Diseases**
15:20	**Metabolic Reprogramming in Inherited Metabolic Diseases**
15:40	**Gene therapy in Inherited Metabolic Diseases**
16:00	Discussion
16:20	Coffee Break
16:50	**Session X – SPDM grants communication**
17:30	**Closing Session & awards**
18:00	**SPDM General Assembly**