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

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SPDM Sociedade Portuguesa de Doenças Metabólicas

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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 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**