

# Fabry masterclass

## Scientific Coordinator

### Prof. Olga Azevedo

Director of the Reference Centre on Lysosomal Storage Disorders (LSD) in Hospital Senhora da Oliveira Guimarães, Portugal

## SCIENTIFIC RATIONALE

This international masterclass provides a unique opportunity for healthcare professionals to immerse themselves in an intensive, high-level educational experience focused on Fabry disease. Hosted in a renowned Center of Excellence, the program is designed to promote best practices and foster in-depth exchange between participants and leading experts in the field.

Over three days, the course combines theoretical knowledge with practical exposure: from foundational insights on diagnosis and treatment strategies, including enzyme replacement therapy and ADA monitoring, to hands-on sessions involving patient consultations and case discussions. A strong emphasis is placed on multidisciplinary care and emerging therapies, empowering clinicians to refine their skills in managing the complex clinical presentations of Fabry disease.

Tailored for physicians and healthcare providers with a focus on metabolic disorders, this masterclass offers an unparalleled setting for clinical learning, peer networking, and collaborative dialogue to enhance patient care on a global level.

## Registration Information

**Official language:** English

**Continuing Medical Education:** UEMS/EACCME and Italian CME credits will be requested. Educational grants are available for Nephrologist, Internal Medicine and Cardiologists from all over the World belonging to private or public institutions involved in the diagnostic process of rare diseases.

Please send an email to: [info@fclassevents.com](mailto:info@fclassevents.com) specifying your affiliation, role and CV.

Applications will be reviewed by the Scientific Board and you will be informed of the outcome of your application after few days.

## Masterclass venue

Hospital Senhora da Oliveira – Guimarães, Portugal

# FIRSTCLASS

We Make Things Happen

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**Guimarães**  
**1 – 3 October**  
**2025**

# Fabry masterclass

Scientific Coordinator  
**Prof. Olga Azevedo**



**European  
Reference  
Network**

for rare or low prevalence  
complex diseases

**Network**  
Hereditary Metabolic  
Disorders (MetabERN)

**Member**  
Hospital Senhora da  
Oliveira, Guimarães,  
EPE — Portugal

Wednesday, 1 October 2025

12:30 - 13:30	Arrival and Lunch
13:30 - 13:45	Welcome to the Reference Center of LSD of Guimarães Olga Azevedo
13:45 - 14:15	Agenda and Introduction Olga Azevedo
FD in the Portuguese region of Guimarães	
14:15 - 14:45	From the discovery of a founder effect to the characterization of the late-onset phenotype due to the F113L variant Olga Azevedo
Multidisciplinary management of FD – Part I	
14:45 - 15:05	Diagnosis and staging of Fabry cardiomyopathy Filipa Cordeiro
15:05 - 15:30	Management of dysrhythmias and recommendations for ICD implantation Sílvia Ribeiro
15:30 - 15:50	Management of heart failure and other cardiac manifestations in FD Tamara Pereira
15:50 - 16:10	Multidisciplinary panel discussion Olga Azevedo, Filipa Cordeiro, Sílvia Ribeiro, Tamara Pereira
16:10 - 16:30	Coffee-break
Multidisciplinary management of FD – Part II	
16:30 - 17:00	Stroke, brain white matter lesions and Parkinsonism: From pathophysiology to management Miguel Gago
17:00 - 17:20	Acroparesthesias and neuropathic pain: Differential diagnosis and treatment Joana Magalhães
17:20 - 17:50	Fabry nephropathy: Diagnostic and therapeutic approach in the clinical practice Carlos Soares
17:50 - 18:10	Genetic counselling and reproductive options for Fabry patients Maria Lopes Almeida
18:10 - 18:30	Multidisciplinary panel discussion Olga Azevedo, Miguel Gago, Joana Magalhães, Carlos Soares, Maria Lopes Almeida, Maria Antónia Costa, Catarina Lombo, Olga Pereira
18:30	Closing of Day 1 Olga Azevedo
19:30	Dinner

Thursday, 2 October 2025

FD pathophysiology	
09:00 - 09:30	Evolving concepts on the pathophysiology mechanisms of FD Olga Azevedo
FD Screening	
09:30 - 09:50	Screening of high-risk populations Márcia Torres
09:50 - 10:20	Newborn screening: Challenges and risks Laura Vilarinho
10:20 - 10:40	How to clarify the clinical significance of a VUS? Maria Lopes Almeida
10:40 - 11:00	Discussion Olga Azevedo, Márcia Torres, Laura Vilarinho, Maria Lopes Almeida
11:00 - 11:30	Coffee-break
Genetic conundrums in FD	
11:30 - 12:00	What is the clinical significance of D313Y, R118C and A143T variants? Olga Azevedo
FD Biomarkers	
12:00 - 12:20	Lyso-GB3: Usefulness and limitations Paulo Gaspar
12:20 - 12:40	Novel biomarkers on the horizon Patrício Aguiar
12:40 - 13:00	Discussion Olga Azevedo, Paulo Gaspar, Patrício Aguiar
13:00 - 14:00	Lunch
Treatment challenges in FD	
14:00 - 14:30	Current therapeutic options: Efficacy and limitations Olga Azevedo
14:30 - 14:50	Anti-drug antibodies: Clinical impact, Monitoring and therapeutic implications João Gonçalves
14:50 - 15:20	When to start treatment in females and late-onset patients? Filipa Cordeiro
15:20 - 15:50	Discussion Olga Azevedo, João Gonçalves, Filipa Cordeiro
15:50 - 16:20	Coffee-break

Challenging clinical cases – Session I

16:20 - 16:50	Clinical case 1 Sofia Correia
16:50 - 17:20	Clinical case 2 Tamara Pereira
17:30	Closing of Day 2 Olga Azevedo

Friday, 3 October 2025

Cardiac imaging in FD	
09:00 - 09:30	Present and future role of cardiac MRI in FD Catarina Ferreira
Challenging clinical cases – Session II	
09:30 - 10:00	Clinical case 3 Miguel Gago
10:00 - 10:30	Clinical case 4 Luisa Pinheiro
10:30 - 11:00	Coffee-break
Emerging therapies for FD	
11:00 - 11:30	Emerging therapies for FD Olga Azevedo
11:30 - 11:45	Satisfaction questionnaire
11:45 - 12:00	Closing remarks Olga Azevedo
12:00	Lunch and Departures