



# Essential biomarkers in IEM: basic course

**Differential diagnosis and  
initial management**

**Course**

11.03.2026  
25.03.2026  
15.04.2026  
06.05.2026  
27.05.2026  
10.06.2026

Webinar sessions  
with Zoom link  
6 instructional hours

# Webinar Training Capsules Series

This course is designed as a highly practical and applied training on essential biomarkers in inherited metabolic diseases (IMDs), focused on common and urgent clinical scenarios. The aim is to provide clear tools for early recognition, initial interpretation of laboratory results, and clinical decision-making during the first hours, even before a definitive diagnosis is established.

## Direction

**Àngels García Cazorla.** Professor of Pediatric Neurology and Neurometabolismous  
Universitat de Barcelona y SJD Barcelona Children's Hospital Barcelona.

## Aimed at

This course is especially aimed at:

- Pediatric neurologists
- General pediatricians
- Neurologists (adult and pediatric)
- Internists
- Emergency physicians
- Residents
- and other healthcare professionals involved in the initial evaluation and management of patients with suspected metabolic disorders.

European EAACME (SEAFORMEC) accreditation has been requested

## By the end of this training, you will be able to:

Recognize alarm laboratory patterns in acute metabolic situations.

Interpret key biomarkers within the appropriate clinical context.

Establish an initial differential diagnosis oriented toward IMDs.

Initiate urgent management measures while etiological studies are ongoing.

Identify when and how to appropriately refer patients to specialized units.

## Learning methodology

Live streaming



The webinar link will be sent 24 hours before the start of the course.

### Prices:

**150 €**

100 € LMIC (low & middle income countries) according to the <https://data.worldbank.org/income-level/low-and-middle-income>.  
The price of the individual modules is 30€ per module for high-income countries and 20€ per module for low-income countries.  
To obtain EACCME credits, it is necessary to purchase the full course. The full course can be purchased up to the date of the last module, as the webinars will be recorded and remain available.  
If modules are purchased individually, only a certificate of attendance per module will be issued, certified by the hospital.

Registration: <https://bit.ly/essential-biomarkers-2026>

### Contacto

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## Contents

### Wednesday, March 11, 2026

17:00 - Hypoglycemia.  
18:00 h

### Wednesday, March 25, 2026

17:00 -  
18:00 h Hyperammonemia.

### Wednesday, April 15, 2026

17:00 -  
18:00 h Metabolic acidosis.

### Wednesday, May 6, 2026

17:00 -  
18:00 h Hyperlactacidemia.

### Wednesday, May 27, 2026

17:00 -  
18:00 h HyperCKemia.

### Wednesday, June 10, 2026

17:00 -  
18:00 h Hypertransaminemia and acute liver failure.

## Added value

- Course integrated into the Master's Degree in Neurometabolism and Cellular Biology at the University of Barcelona.
- International speakers with extensive clinical experience in reference centers.
- Practical approach, focused on real-life clinical decision-making.
- Training especially designed for professionals who do not work exclusively with neurometabolic diseases but encounter these conditions in their daily clinical practice.