


# Rhythm-sponsored Satellite Symposium

 **Date:**  
14<sup>th</sup> May 2024

 **Time:**  
13:45 - 15:15

 **Location:**  
Sala Volpi

**Precision medicine in treating leptin melanocortin-4 receptor (MC4R) pathway diseases:** Addressing hyperphagia and early-onset, severe obesity

 **Speakers:**

**Prof. Pietro Maffei** (University of Padua, Italy)

**Dr Metin Cetiner** (University Clinic Essen, Germany)

 **Topics:**

- Genetic impairments in the MC4R pathway and their role in hyperphagia and early-onset, severe obesity
- Overview of MC4R pathway diseases, focusing on POMC, PCSK1 and LEPR deficiency
- The role of precision medicine in the management of monogenic MC4R pathway diseases
- Overview of MC4R pathway diseases, focusing on Bardet-Biedl Syndrome (BBS)
- The role of precision medicine in the management of BBS