

GUEST LECTURE

Prof. J. A. Enríquez

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Heavily studied but full of surprises: respiratory cl as the Na^+/H^+ antiporter

Prof. José Antonio Enríquez conducts research at the CNIC (Centro Nacional de Investigaciones Cardiovasculares Carlos III), a leading international research center dedicated to understanding the basis of cardiovascular health. His work is dedicated to mitochondrial function under physiological and pathophysiological conditions and includes studies on the structure and function of mitochondrial respiratory chain complexes, the role of the oxidative phosphorylation system in metabolic adaptation and mitochondrial factors in cardiometabolic pathologies. His talk will include recent results on the function of respiratory complex I in the regulation of mitochondrial membrane potential.

(Hernansanz-Agustín et al., 2024, Cell 187, 6599–6613)

Thursday, 23 January 2025, 4 p.m.

Seminar room 10, Jena University Hospital, Am Klinikum 1