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Studies: Molecular Medicine

Specialization: Mitochondrial
function in health and disease

Short bio:

I am originally from the Canary Islands, Spain, and I began studying rare metabolic disorders in 2008. After working in Madrid and Heidelberg (Germany), I ended up in Aarhus, Denmark, in 2010.

My focus is on personalized medicine, specifically on finding adequate therapies for patients with metabolic and mitochondrial diseases. I am a passionate mitochondrial researcher who spends my time trying to understand how the function of this organelle influences health and disease. I combine the use of cellular models with clinical studies to provide new insights into molecular mechanisms of diseases, mainly inborn errors of metabolism, mitochondrial disorders, neurodegenerative diseases, unexplained cases of fatigue, and diabetes.

Currently, I am focused on understanding the role of mitochondria in bone metabolism in metabolic disorders, both common and rare.

What do you expect from this training?

I am new in the bone field, so I would like to get some basic knowledge in bone and get to know people in the field.

Bonus question: What motivates you to get out of bed in the morning?