

- Contact Person/Scientist in charge (datos del IP del grupo de investigación o responsable científico)

o Name and Surname : ANGEL NADAL NAVAJAS

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- Department / Institute / Centre (datos del centro/departamento donde estaría ubicado el investigador a contratar)

o Name: INSTITUTO DE BIOINGENIERÍA, UNIVERSIDAD MIGUEL HERNÁNDEZ DE ELCHE

o Address: Edificio Vinalopó, Avenida de la Universidad s/n, 03202 Elche

o Province: Alicante

- Brief description of the Centre/Research Group (including URL if applicable)

Our research group is focused on the physiology of the cells of the islet of Langerhans and related metabolic disorders like diabetes. More information at <http://diabetes.umh.es/>

- Project description: We particularly focus on the mechanisms and signal transduction pathways that regulate the function of pancreatic alpha and beta-cells. We also study those conditions that lead to their malfunction or compromise their survival, which are associated with pathologies like diabetes and obesity. We work to understand the role that estrogen receptors have in the physiology of the islet of Langerhans. This will give light on how estrogens influence the plasticity of the endocrine pancreas during the adaptation to pregnancy and obesity. Finally, we are interested in the role that endocrine disruptors, particularly Bisphenol-A, have in the etiology of Diabetes. We study how exposure to EDCs at different times during life affects insulin sensitivity and the function of the endocrine pancreas. We have interest in how endocrine disruptors exposure during pregnancy affects offspring glucose metabolism later in life.

- Research Area: Life Sciences (LIF)

- Applications: documents to be submitted and deadlines: CV and 2 recommendation letters should be sent to nadal@umh.es before june 30, 2016.