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Intereses de investigación

El Dr. Sáez tiene un gran interés por las enfermedades neurodegenerativas, en particular por la enfermedad de Alzheimer, y como el metabolismo de ácidos grasos saturados puede interaccionar con la proteína precursora amiloide, y favorecer el desarrollo de la patología, así como el efecto de los ácidos grasos saturados en la función neuronal normal.

Resultado de la investigación

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Neuroprotective Properties of Eudesmin on a Cellular Model of Amyloid-β Peptide Toxicity
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González-Ramírez, M., Gavilán, J., Silva-Grecchi, T., Cajas-Madriaga, D., Triviño, S., Becerra, J., Saez-Orellana, F., Pérez, C. & Fuentealba, J., 2018, En: Journal of Alzheimer's Disease. 61, 4, p. 1463-1475 13 p.

ATP leakage induces P2XR activation and contributes to acute synaptic excitotoxicity induced by soluble oligomers of β-amyloid peptide in hippocampal neurons
Sáez-Orellana, F., Godoy, P. A., Bastidas, C. Y., Silva-Grecchi, T., Guzmán, L., Aguayo, L. G. & Fuentealba, J., 2016, En: Neuropharmacology. 100, p. 116-123 8 p.

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Prensa/medios de comunicación