

About

Over the past years, I have been very much focused on modelling neurodegenerative disease using human induced pluripotent stem cells (hiPSCs). I gained my PhD in Neuroscience on animal husbandry at the University of Godollo, Hungary (2017). My current focuses specifically on the themes of metabolism and mitochondrial associated disease in interneurons (GABA receptors), excitatory neurons (Glutamatergic neurons) focusing Epilepsy. I am very keen in epilepsy research areas, from basic science seeking the roots of the disease to therapy development to find effective treatments.

Priser

Early Career Scientist Grant Prize

Chandrasekaran, Abinaya (Modtager), aug. 2022

Hørslev-Fonden –2022

Chandrasekaran, Abinaya (Modtager), 2022

Publikationer

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Dittlau, Katarina Stoklund, Chandrasekaran, Abinaya, Freude, Kristine & Van Den Bosch, L., 2024, I: Bio-protocol. 14, 4, 16 s., e4936.

Generation of three isogenic gene-edited Huntington's disease human embryonic stem cell lines with DOX-inducible *NGN2* expression cassette in the *AAVS1* safe locus

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Canine induced pluripotent stem cells: an in vitro approach to validate the dog as a large animal model for Alzheimer's disease

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