

Master in Neuroscience

TFM Presentation – July 2026

July 6th

Evaluation Committee 2 (I. Delgado, L. Chanes, V. Martínez) – C5/187, Facultat de Biociències

Student	Time	TFM
Mina Zahiri	8:30	Impact of Early-Life Experiences on Anxiety-linked and Schizophrenia-relevant Behavioral Phenotypes in the Roman rat model
Noemi Fernandez Ubeda	9:00	La degradación de AKAP1 por formas solubles de beta-amiloide desregula la dinámica mitocondrial en la línea celular SH-SY5Y
Aitana Pérez Muñoz	9:30	Actividad hemodinámica de la corteza prefrontal durante la adquisición y extinción del miedo condicionado en asociación con respuestas psicofisiológicas y diferencias entre sexos
Anna Yangyi Vilà Morales	10:00	Characterisation of age-dependent expression of KCC2 in postnatal motor neurons in mice
Joel Sanchez Ramos	10:30	Screening of NLRP3 Inflammasome Inhibitors and Dexamethasone for the Modulation of the Macrophage-Fibroblast Axis in Peripheral Nerve Interfaces
Sara Puig Garrido	11:00	Brainstem mapping: characterizing the descending route to execute reach and grasping.
Claudia Daniela Penettre González	11:30	Correlatos Neurofisiológicos u Psicofisiológicos Del Miedo Condicionado: Una Caracterización Multimodal
Gaiané Ibrahim Camps	12:00	Sciatic nerve regeneration after a crush injury on young and aged mice
Susanna Gallardo Castro	12:30	Monoaminergic Regulation of Aquaporin-4 and Blood-Brain Barrier Integrity in a Female Mouse Model of Rett Syndrome
Maddi Esnal Urzelai	13:00	Association between polysomnographic sleep disturbances and cognitive performance in adults with Down syndrome across the Alzheimer's disease continuum
Marc Carrillo Vera	15:00	Influence of comorbidities and Clinical Factors on Plasma Biomarkers in Dementia with Lewy Bodies
Sara Hernández Benavides	15:30	In Vivo Validation of Epigenetic and Gene Expression Alterations Associated with Hyperglycemia: From Cell Culture to a Murine Model
Paula Mulvaney Tobella	16:00	Development of a workflow for plasma extracellular vesicle isolation and 4R tau detection in Huntington's disease
María Muñoz Osorio	16:30	Utilidad diagnóstica y pronóstica de NPTX2 y SNAP25 en enfermedad de Alzheimer y degeneración lobar frontotemporal

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Evaluation Committee 1 – C53/183 (C. Penas, E. Claro, I. Sánchez) - Facultat de Biociències

Student	Time	TFM
Israel Gutiérrez Plaza	8:30	The effect of HEBE2 on human neuroinflammation: Astrocyte response and neuronal integrity
Anne Inurritegui Hidalgo	9:00	Efectes de la restricció calòrica sobre la conducta i les PNN associades a interneurons PV+ en el model de rata TgF344-AD de sis mesos d'edat
<i>Kader Morkoç</i>	9:30	Role of FAIMs in Protein Ubiquitination: Implications for XIAP, TAU, and TDP43
Naomi Berangel Cortese	10:00	Sex differences in fear memory consolidation: The role of Tac2 neurons in the lateral hypothalamus
Mariona Grebol i Romagos	10:30	Morphological and histological evaluation of brain tissue response to radiofrequency thermoablation within the context of epilepsy surgical treatment
Ada Mateos Caracuel	11:00	Análisis de la expresión de SREBP2 en el hipocampo de ratones doble transgénicos APP/Tau
Roger Plaza i Clar	11:30	Regional mapping of oligomeric α -synuclein pathology in LRRK2-associated Parkinson's disease post-mortem brains
Víctor Soriano García	12:00	Efecto de la restricción calórica sobre las alteraciones conductuales y la preservación de las redes inhibitorias hipocampales en ratas TgF344-AD de 12 meses de edad
Ulliana Igorevna Vasiliev	12:30	Molecular Pathways Mediating Inhibitory Dysfunction in Alzheimer's Disease
Sergi Veà Redondo	13:00	Studying A Mitochondrial Link Between Gabaergic Cerebellar Dysfunction and Rett Syndrome
Lise Sterre Schoonman	15:00	Effects of Noise Reduction on Selective Speech Attention in Individuals with Type I Autism
Celia Familiar Jiménez	15:30	Investigating BNST-LHA <i>Tac2</i> + projections in fear memory consolidation across sexes
<i>Dashiell Lecuona Diez</i>	16:00	Molecular mechanisms of synapse-to-nucleus signalling in Alzheimer's disease
Angela Gervassi-Saga	16:30	The AKAP79/150-NFAT Pathway in A β Oligomer- Driven Synaptic dysfunction