

RELACIÓN DE ACUERDOS DE TUTELA DE TFM APROBADOS CGC

Curso 2020-21

MÁSTER U. EN BIOTECNOLOGÍA CUANTITATIVA

Alumno/a	Directores	Título TFM
ÁLVAREZ MARTÍN, ÚRSULA	Virginia Perez Grijalba Laura Lobet Sesé	Development and validation of real-time PCR assays for the quantification of pathogenic human viruses with diagnostic purposes
LÓPEZ MARTÍNEZ , DANIEL EDUARDO	Juan José Galano Frutos Javier Sancho Sanz	Testing a model for the calculation of protein stability: Application on mutations associated to genetic disorders
LUNA CERRALBO, DAVID	Pierpaolo Bruscolini Sergio Pérez Gaviro	Application of a statistical inference model to the prediction of antibody affinity from sequence analysis
MARCHANTE HUESO, IGNACIO	Joaquín Sanz Remón	Modeling inter-individual variation in transcriptional coherence in single-cell RNA-seq data
MARTÍN CONTRERAS, ALEJANDRO	José Manuel García Aznar Nieves Movilla Meno	3D co-culture of tumor spheroids and fibroblasts in microfluidic devices
MATUTE LAMANA, CARLOS	José Alberto Carrodegua Villar Diego De La Fuente Herrerueta	Co-cultured neurons and microglia treated with neuromelanin as a model to study the events leading to protein aggregation in Parkinson's disease
PINEDO SERRANO, ELIHÚ	Erandi Lira Navarrete Ramón Hurtado Guerrero	Development of a HTS assay for inhibitors against GalNAc-T11

RELACIÓN DE ACUERDOS DE TUTELA DE TFM APROBADOS CGC

Curso 2020-21

MÁSTER U. EN BIOTECNOLOGÍA CUANTITATIVA

Alumno/a	Directores	Título TFM
RIVERO BERNABÉ, MARÍA ISABEL	Milagros Medina Trullenque Victoriano Polo Ortiz	Chanelling of FMN from Homo sapiens Riboflavin kinase to Pyridoxine 5'-phosphate oxidase
SÁINZ AGOST, ALEJANDRO	Pierpaolo Bruscolini	Study of the translocation and degradation of repeat proteins by the protein complex clpXP
TARANCÓN DIEZ, JORGE	Nunilo Cremades Casasín	Characterisation of the possible interaction between alpha -synucleinanda tau and the formation of biomolecular condensates of both proteins which could lead to the formation of amyloid aggregates
VELEIRO CARRIL, UXÍA	Olga Abián Franco Adrián Velázquez Campoy Ana Jiménez Alesanco	BFT3 virtual screening: combining experimental and computational tools
VENTURA BAÑOS, RAQUEL	Adrián Velázquez Campoy Olga Abián Franco David Ortega Alarcón	SARS-COV-2 3CLpro virtual screening: combining experimental and computational tools