



**UNIVERSITAT  
ROVIRA i VIRGILI**

**Proteomic Study of the Synaptic Activity Effect on  
the Diaphragm Muscle: an approach towards the  
neuromuscular tissue**

**Sofía Blasco Sebastián**

**TREBALL DE FINAL DE GRAU BIOTECNOLOGIA**

Supervisors: Dr. Víctor Cilleros Mañé and Dra. Laia Just Borràs  
Dra. María Angel Lanuza Escolano  
(mariaangel.lanuza@urv.cat)  
Dpt. Ciències Mèdiques Bàsiques, Universitat Rovira i Virgili

Academic tutor: Dr. Ricardo Cordero Otero (ricardo.cordero@urv.cat)  
Dpt. Bioquímica i Biotecnología, Universitat Rovira i Virgili

In cooperation with: Unitat d'Histologia i Neurobiologia - Facultat de Medicina i  
Ciències de la Salut, Universitat Rovira i Virgili

Tarragona, June 2023

This project is based on the results obtained in External Practices at the Unitat d'Histologia i Neurobiologia (UHNeurob) of the Universitat Rovira i Virgili in Reus, under the supervision of the senior researcher Dr. Maria Angel Lanuza Escolano, Dr. Víctor Cilleros Mañé and Dr. Laia Just Borràs.

The content of this project is confidential and belongs to Sofía Blasco Sebastián and UHNeurob group, as the intellectual owners of this work. In case to know about it, contact them through e-mail [sofia.blasco@estudiants.urv.cat](mailto:sofia.blasco@estudiants.urv.cat) (Sofía Blasco Sebastián) or [mariaangel.lanuza@urv.cat](mailto:mariaangel.lanuza@urv.cat) (Dr. Maria Angel Lanuza representing UHNeurob group).