Marta Torrecilla Parra has received a degree in Biochemistry (2016) and a MSc in Neuroscience (2018) from the Autonomous University of Madrid (UAM). During her undergraduate and postgraduate projects, she studied the role of IGF-1 as a neuroprotector in two different contexts: sensorineural hearing loss provoked by exposure to cisplatin (in the "Alberto Sols" Biomedical Research Institute, IIBM) and diabetes and obesity, focusing on the adverse effects of palmitic acid on the astrocytes and neurons of the hypothalamus (in the “Niño Jesús” University Children's Hospital). In the latter case, she was also interested in the dimorphic responses to high fat diet and the collaboration of estrogens and IGF-1 to exert protective actions in the brain. In June 2019 she joined the group of Posttranscriptional Regulation of Metabolism in IMDEA Food as a research assistant.