In 2015, the José Pedro Castro (JPC) concluded his PhD in Biomedicine, University of Porto. He then joined Tilman Grune's (h-index 108, Google Scholar) lab to study how aging contributes to proteostasis loss and cellular dysfunction (2015-2018) leading to >15 papers published as first, contributing or even corresponding author. One relevant manuscript as senior author was recently accepted in Comms Biology (2023) showing how aging primarily affects fast skeletal muscle fibers. In 2018, the JPC joined Vadim Gladyshev's lab (h-index 133, Google Scholar) at Harvard Medical School upon being awarded with the highly competitive DFG Max-Kade Foundation fellowship to study the biology of aging using systems biology approaches. The JPC has received 9 awards and/or honors, including Early Research Career Award (2010) and Young Investigator Award (2013) and CEEC 5th Ed. Assistant Researcher being ranked third (2022.00872.CEECIND). He's also a reviewer for several scientific journals and a review editor for Redox Biology and Frontiers in Aging. He is the corresponding author of 5 publications. He has also attracted national funding showcased by the FCT IC&DT as Principal Investigator.