



Pura Muñoz-Cánoves studied Pharmacology in the University of Valencia. She obtained her PhD in 1990 for work carried out at The Scripps Research Institute under the supervision of Brian Tack. She did postdoctoral work in the laboratories of Michael Karin and Richard Lerner in San Diego, and in 1994 she joined the Cancer Research Institute in Barcelona as a postdoc, becoming an independent group leader in 1997. In 2002 her group moved to the Centre de Regulació Genòmica in Barcelona, and she became a senior scientist in 2006 in that Institution. In late 2008 she moved to the Pompeu Fabra University after becoming an ICREA Research

Professor. At present, she is a Cell Biology and ICREA Professor at the Department of Experimental and Health Sciences at the Pompeu Fabra University.

Her research focuses on the mechanisms regulating skeletal muscle regeneration and growth both in physiological and in pathological conditions. Muscle fiber degeneration and loss of muscle mass occurs in multiple settings, including cancer, cachexia, neuromuscular disorders (Duchenne Muscular Dystrophy –DMD) and during aging, remaining a key factor contributing to morbidity. Understanding the molecular pathways that regulate muscle stem cell-dependent regeneration and gain/loss of muscle mass is therefore crucial for treating muscle wasting-associated disorders, and a major goal of the laboratory.