

Biosketch

Laura Micheli, PhD, is a researcher in preclinical pharmacology at the Department of Neuroscience, Psychology, Drug Research and Child Health (NEUROFARBA), University of Florence. She obtained her PhD in Drug Sciences and Innovative Treatments, with a thesis focused on the nociceptin/orphanin FQ (N/OFQ) system as a new strategy for the management of neuropathic pain. Her research activity focuses on the pathophysiological mechanisms underlying chronic pain, with particular emphasis on neuropathic pain of different origins (trauma, chemotherapeutic agents, viral) investigated through validated preclinical models. Her work aims to identify and evaluate novel therapeutic strategies, including both synthetic compounds and natural products, to improve analgesic efficacy and reduce treatment-related side effects. She is the author of over 120 peer-reviewed scientific publications in international journals, with an H-index of 30 and more than 2,700 citations. Her research has contributed to the development of translational approaches for the management of persistent pain.