

Merixell Canals is Professor of Molecular and Cellular Pharmacology and deputy director of the Centre of Membrane Proteins and Receptors (COMPARE) at the University of Nottingham. Research in her lab focuses on mechanisms of GPCR signalling and trafficking, particularly on GPCRs involved in pain signalling, including opioid receptors. Her group recently described the molecular and pharmacological determinants of the ligand-dependent signalling at the mu-opioid receptor and contributed to the understanding of endosomal GPCR signalling in nociception. She has over 75 research publications and 19 invited reviews with >7,500 citations. She has been awarded the 2015 British Pharmacological Society Novartis Prize and over £3M in competitive funding in the last 7 years, including an Academy of Medical Sciences Professorship (2019) and a Schaeffer Research Scholarship (2021).