Gareth Young, Senior Scientist, **Pfizer Neusentis**

Dr. Gareth Young is a senior scientist and research project leader at Pfizer specialising in ion channel pharmacology and electrophysiology in the pain therapeutic area. Gareth obtained his PhD from University College London where he discovered a novel binding site nicotinic acetylcholine receptors. He continued with postdoctoral research at the University of Cambridge. At Cambridge he studied the role of HCN ion channels in peripheral pain sensing neurons and discovered their crucial role in inflammatory and neuropathic pain. He now conducts research on stem cell derived sensory neurons and will present work on how these cells can model human pain sensing neurons and how they can impact preclinical research.