Pr Waljit Dhillon is a Professor in Endocrinology & Metabolism, Consultant Endocrinologist and an NIHR Senior Investigator. He is Head of Division of Diabetes, Endocrinology and Metabolism at Imperial College London. He is also Director of Research for the Division of Medicine & Integrated Care at Imperial College Healthcare NHS Trust.

Over the last decade basic science discovery led to the discovery of the kisspeptin/neurokinin/dynorphin expressing neurones (KnDy neurones) in the brain as major regulators of the reproductive axis. I will describe the route from basic science discovery, first into human studies and then onto studies in patient groups to which have led to kisspeptin based therapies for the potential treatment of infertility as well as neurokinin antagonists as potential new treatments for menopausal flushing.