

Christopher Shaw is Professor of Neurology and Neurogenetics at King's College London. He is Head of the Department of Basic and Clinical Neuroscience, Director of the Maurice Wohl Clinical Neurosciences Institute and Deputy Director of the United Kingdom Dementia Research Institute. He runs a clinic for people with motor neuron disorders at King's College Hospital. His early clinical training was conducted in New Zealand and in 1992 he came to Cambridge, UK on a Wellcome Trust Fellowship. Over the past 25 years his team have created one of the world's largest Biobanks of DNA samples, lymphoblast cell lines and post mortem tissues from patients with ALS. This has underpinned his research exploring the genetics, molecular and cellular pathobiology of ALS and FTD. His team have led the discovery of mutations in ALS and FTD genes encoding TDP-43, FUS, C9-locus, TUBA4A and ANXA11. They have also developed a number of cellular, stem cell and transgenic animal models of disease that have revealed novel mechanistic insights and therapeutic targets. Increasingly their focus is to advance gene therapies using antisense and adenoviral gene delivery strategies.