Henry Houlden bio: Our laboratory works on neurogenetics with a particular interest in inherited ataxia, epilepsy and complex inherited disorders in childhood and adult onset, as well as neuromuscular conditions, spinocerebellar ataxia, spastic paraplegia and movement disorders such as multiple system atrophy (MSA); particularly in diverse populations. We integrate new gene discovery with exome and genome sequencing identifying disease genes such as CANVAS/RFC1, VWA1, SCA11, SCA15, GRIA2 and GAD1, with functional experimental validation in human tissue and other model systems. This allows us to diagnose many families to allow effective management and treatment. We have an international lab and clinical team, sharing students and young clinicians who come for exchange visits to UCL allowing joint research projects and publications. We are keen to collaborate to investigate families with neurological disorders, often give teaching lectures and seminars on clinical evaluation and neurogenetics worldwide. Our overall goal is to develop new therapeutics based on an improved understanding of disease pathways and in children and adults. We are very open to collaboration.