

## **Professor Sir Doug Turnbull Accepts Invitation as Patron**

**Professor of Neurology**, University of Newcastle upon Tyne

**Honorary Consultant Neurologist**, Newcastle upon Tyne Hospitals NHS Foundation Trust,  
Newcastle upon Tyne

**Director Wellcome Centre for Mitochondrial Research.** The Wellcome Centre is focused on research to transform the lives of patients with mitochondrial disease. Professor Turnbull's focuses on understanding the molecular mechanisms underlying the neurological features in patients. With colleagues he is searching for new therapies for patients and he has been actively involved in work to prevent the transmission of mitochondrial DNA disease using an IVF technique called mitochondrial donation.

**Director MRC/BBSRC Centre for Ageing and Vitality.** Professor Turnbull has a major interest in understanding the basic mechanisms involved in human ageing with particular emphasis on the role of mitochondria. The MRC Centre is focused on understanding how these mechanisms are influenced by lifestyle interventions and studies aimed at promoting healthy ageing.

**Lead for the NHS Highly Specialised Services for Rare Mitochondrial Services for Adults and Children.** This service provides optimum care for patients with mitochondrial disease throughout the UK with Centres in Newcastle, London and Oxford. This service was built on the back of clinical and basic research and the Newcastle Centre reviews in excess of 800 patients per year. The service has developed care pathways and patient guidelines that are used worldwide of the benefit of patients.

Doug Turnbull received a knighthood in the Queen's Birthday Honours 2016 "for services to Health Care Research and Treatment particularly Mitochondrial Disease".