

PROFESSOR ALAN J THOMPSON FMedSci, FRCP, FRCPI
CURRICULUM VITAE

Present positions

Dean, UCL Faculty of Brain Sciences, London, UK (2011 to date)
Garfield Weston Professor of Clinical Neurology and Neurorehabilitation, UCL Institute of Neurology, Queen Square, London (1998 to date); *Chair, Neuroscience Programme*, UCLP Academic Health Sciences Centre (2014 to date)
Consultant Neurologist, National Hospital for Neurology and Neurosurgery, Queen Square, London (1990 to date)

Recent past positions

Director, UCL Institute of Neurology, Queen Square, London, UK (2008-2011); *Divisional Clinical Director and Clinical Director*, NHNN, Queen Square, London (2003-2007)

Qualifications

MB BCH BAO BA (1979), MD (1985); FRCP (1994); FRCPI (1995); FAAN (2009); FANA (2013); FMedSci (2015)

Selection of current national/international appointments

Chair, Scientific Advisory Committee, Progressive MS Alliance; Editor-in-Chief, *Multiple Sclerosis Journal*; National MS Society (USA) Research Programs Advisory Committee; NIHR Senior Investigator Emeritus

Selection of honours

ECTRIMS Lecture (2015); Don Paty Memorial Lecture (2015); Charcot Lecture (2014); ECTRIMS Lifetime Honorary Member (2012); honorary doctorate, Hasselt University (2008); Guarantor of Brain (2005); Pioneer of the Nation for services to neurology (2003)

Current grants

MS Society of GB & NI, National Institute for Health Research, Wellcome Trust; Eisai, ARUK, Takeda, MRC, Wolfson

Current research focus

- Using MRI to better understand the pathological mechanisms that underpin neurological disability in MS
- Leading international research initiative into progressive MS through the Progressive MS Alliance.
- Applying new imaging techniques to explore acute spinal cord injury in collaboration with Zurich.
- Leading programmes of research in dementia and mental health, as Dean of UCL Faculty of Brain Sciences.

Research history

- Developed new MRI techniques including tractography, providing insights into structural damage in MS, ALS and stroke; evaluated patterns of recovery using functional MRI in MS and stroke.
- Developed and evaluated scientifically sound outcome measures that incorporate the patient's perspective, including new outcome measures in MS (MS Impact Scale, MS Walking Scale), spasticity, and dystonia.
- Characterised MRI findings and developed first diagnostic criteria in primary progressive MS.
- Led the first studies of beta-interferon in primary and secondary progressive MS.
- Carried out RCTs of neurological rehabilitation and community-based treatment of relapses in MS.
- Evaluated the role of cannabinoids in the treatment of spasticity in MS and role as a neuroprotective agent in MS.

Published research

H-Index of 100. Over 500 research articles published in peer reviewed journals with 41,582 citations. Authored 17 books and 40 chapters. Research ID profile: <http://www.researcherid.com> Researcher ID C-2654-2008.

Some recent high-impact publications

Ciccarelli O, Thompson AJ. Multiple Sclerosis in 2015: Managing the complexity of multiple sclerosis. *Nature Reviews Neurology* 2016; 12(2):70-72.

Grabher P, Callaghan MF, Ashburner J, Weiskopf N, Thompson AJ, Curt A, Freund P. Tracking sensory system atrophy and outcome prediction in spinal cord injury. *Annals of Neurology* 2015; 78(5):751-761.

Cawley N, Solanky BS, Muhlert N...Thompson AJ, Ciccarelli O. Reduced GABA concentration is associated with physical disability in progressive multiple sclerosis. *Brain* 2015; 138(9):2584-2595.