

David Brooks
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Profile

My research involves the use of positron emission tomography and magnetic resonance imaging to help diagnose and study the progression of Alzheimer's and Parkinson's diseases and detect preclinical and prodromal cases. I am also interested in the role of inflammation in neurodegenerative disorders and the validation of imaging biomarkers for use in therapeutic trials.

Education

1998	DSc (Medicine), University of London, UK
1986	MD, London University, UK
1979	MB BS University College Hospital Medical School, London, UK
1972	BA (Hons) Chemistry, 1st Class Oxford University, UK

Appointments

2013 - present	Professor of Neurology, Dept of Nuclear Medicine, Aarhus University, Denmark
2015- present	Professor of Neurology and PET Clinical Science, Newcastle University Translational and Clinical Research Institute (NUTCRI), UK
1993 - 2015	Hartnett Professor of Neurology, Imperial College London, UK

Short Bibliographic Overview

Total number of peer-reviewed publications: 653 (Scopus)
Number of first authorships: 1 (2015-2020, Scopus)
Number of corresponding authorships: 7 (2015 - 2020, Scopus)
Number of citations: 71,287 (incl. self-citations, Scopus and SciVal)
H-index: 136 (Scopus and Scival 2015 - 2020)

Editorial Boards

2020 - present	Current Neuropharmacology (UK editor)
2015 - 2020	Molecular Imaging and Biology (Associate Editor)
2012 - 2020	Synapse, NPJ Parkinson's disease, Journal of Neuroimaging, Journal of Parkinson's disease, Brain (Associate Editor)

Membership of UK Committees

2016 - present	Alzheimer Research UK Grants Research Board
2013 - 2018	Alzheimer UK Biomedical Advisory Board
2005 - 2008	MRC Neurosciences and Mental Health Board
2000 - 2003	Wellcome Trust Neuroscience Panel
1996 - 1997	Chairman of Parkinson's UK Research Advisory Panel
1995 - 2005	Parkinson's UK Research Advisory Panel

International Committees

2020	JJND 2020 Panel Member: Novel imaging and brain stimulation methods and technologies related to Neurodegenerative Diseases
2017 - 2020	Chairing the ERC Neuroscience Panel (Advanced)
2016 - present	Singapore NMRC International Advisory Board
2007 - 2010	German Dementia Kompetenz Network

2004 - 2007 German Parkinson Kompetenz Network
2002 - 2006 Scientific AB, Michael J. Fox Foundation
1993 - 1997 Director of International Society of Cerebral Blood Flow and Metabolism

Memberships

2018 Fellow European Academy of Neurology
2001 Fellow American Neurology Association
2001 Fellow Academy of Medical Sciences UK (FMedSci)
1993 Fellow Royal College of Physicians, UK
1982 Member of Royal College of Physicians, UK

Recent Funding

2022 - 2022 Parkinsonforeningen: Can high-intensity aerobic exercise increase brain synaptic SV2A protein density in Parkinson disease patients? A PET-MRI study DKK 100,000
2022 - 2025 Vilhelm Pedersen og Hustrus Mindelegat: Can high-intensity aerobic exercise increase brain synaptic SV2A protein density in Parkinson disease patients? A PET MRI study DKK 2.8m
2018 - 2022 EU Horizon 2020: AD Detect Prevent (with Oxford and Nottingham Universities and Brain+) DKK 2.2m
2017 - 2020 Danish Council for Independent Research: Noradrenergic dysfunction and slowing of cortical oscillatory activity in Parkinson's disease patients with mild cognitive impairment DKK 3m
2017 - 2020 Lundbeck Foundation: Imaging synaptic dysfunction in a rodent model of Parkinson's disease based on toxin-induced glucocerebrosidase A deficiency DKK 1.6m
2018 - 2020 Eurostars/Danish Innovation Fund: Alzheimer Shield (with Karolinska Institute and Brain+ DKK 641,000

Medal Lectures / Awards

October 2017 Ramon Y Cajal Award, Spanish Academy of Medicine, Madrid, Spain
2016 Danish Alzheimer Association Award, Copenhagen, Denmark
2005 Kuhl Lassen Award, Society of Nuclear Medicine, Toronto, Canada
March 2004 Charles E Wilson Lecture, The Psychobiology Institute, Jerusalem, Israel
2003 Cotzias Lecture, Spanish Society of Neurology, Barcelona, Spain
November 2002 Stanley Fahn Lecture, 7th International Congress of Parkinson's Disease and Movement Disorders, Miami, USA