

Curriculum vitae for Gitte Moos Knudsen

Gitte Moos Knudsen, Professor, Chief Neurologist, DMSc (dr.med.), Neurobiology Research Unit, Rigshospitalet, Copenhagen University Hospital, Blegdamsvej 9, DK-2100 Copenhagen, Denmark.

Education and academic degrees:

MD from University of Copenhagen winter 1984. Board certified user of radioisotopes 1986. FMGEMS exam (US) 1989. Board certified in neurology 1994. DMSc (dr.med.) from Univ. Copenhagen 1994.

Previous appointments:

Visiting scientists several times at NIH and Stony Brook, USA (1985-90) and at Institute of Physiology, Bonn, Germany (1988-89). Clinical education has predominantly taken place at Rigshospitalet. From 1994 appointed as senior registrar and from 1995 as junior consultant at the Dept. of Neurology, Rigshospitalet. The clinical education has been interspersed by a three years appointment as research fellow (1986-1989) at the Dept. of Neurology, and by maternal leave in 1989, 1992, and 1995. Appointed as research professor and chief neurologist in 1999.

Present appointments:

From 2004 full professor of neurology and chairman of the Neurobiology Research Unit, Rigshospitalet. From 2006 also chairman of the Lundbeck Foundation Center for Integrated Molecular Brain Imaging (Cimbi).

Positions of trust, reviews for journals, teaching, etc.:

Member of the Board of Directors of 'younger neurologists' in Denmark 1985-1989; of the International Society of Cerebral Blood Flow and Metabolism 1995-1999, served as chairman of its Membership Committee 1999-2001; of Copenhagen Hospital Corporation Advisory Board in Neurology 1997-1999; of the Danish Society for Neuroscience from 1997; of the Scientific Ethics Committee for Copenhagen and Frederiksberg from 1998-2002; of the Research Council of the Medical Faculty at the University of Copenhagen from 1999; Member of the Editorial Board of the Journal of Cerebral Blood Flow and Metabolism from 2000; Secretary for the International Society of Cerebral Blood Flow and Metabolism from 2001. Chairman for the steering group for research laboratories at Rigshospitalet from 1999. Regular teaching of pregraduate medical students and at international courses for postgraduates. Regularly refereeing for about 10-15 peer-reviewed journals. Examiner at PhD and DMSc theses in Denmark, Canada, Sweden and Finland. Member of EU's Fifth Framework Expert Panel for evaluation of research applications, Brussels, in 1999, 2000, and 2005 and for the Norwegian Research Council 2006-7.

Research, international collaboration, supervisor:

DMSc (dr.med.) thesis defended in 1994, title: 'Application of the double-indicator technique for measurement of blood-brain barrier permeability in humans'. The research has predominantly dealt with aspects of blood-brain barrier transport, of cerebral hemodynamics and metabolism, and with molecular brain imaging.

International collaboration within the EUREKA Program (Dopimag EU1836) (1998-2000); the EU Program (COST) (1999-2000). Coordinator of EU Fifth Framework program on "Neuroreceptor mapping in patients with mild cognitive impairment", 2001-6. Member of the steering group of EU 6th Framework Network of Excellence DiMI (2000)

Supervisor for more than 10 (human) biology student theses, main supervisor for 12 and co-supervisor for 9 Ph.D. students and 3 DMSc theses. Leader of the Neurobiology Research Unit since 2004 and of Center for Integrated Molecular Brain Imaging since 2006; NRU currently encompasses approx. 35 full time employees.

Honours:

Mogens Fog Prize 1993 (lecture competition) of the Danish Neurological Society.
Synthelabo Recherche Award 1994 of the Société de Circulation et Métabolisme du Cerveau, France.
Anne Bochart Prize 1999 awarded by the Medical Society in Copenhagen.
Member of the Royal Danish Academy of Sciences and Letters since 2004.

Publications: Published more than 125 Medline indexed scientific papers.