

Short CV: Birte Yding Glenthøj

Academic degrees:

- **Medical Degree**, University of Copenhagen 1977
- Board certified in psychiatry 1993
- **Doctor of Medical Science (DMSc = Dr.Med.)**, University of Copenhagen 1994. Official opponents/assessors: Arvid Carlsson, Rasmus Fog, and Olaf Paulson.

Current positions:

August 2006 - :**Professor of Psychiatry, Director of Research** and **Chief Psychiatrist**, University of Copenhagen, Center for Neuropsychiatric Schizophrenia, Copenhagen University Hospital, Psychiatric Center Glostrup

Research: Thesis on "*The Brain Dopaminergic System: Pharmacological, Behavioural and Electrophysiological Studies*". BG has, among others, developed a preclinical model for schizophrenia, provided preclinical evidence for the meaning of sensitization of the dopaminergic system for development of psychotic symptoms - and clinical evidence for the association of positive psychotic symptoms with D2 receptor activity in frontal cortex in antipsychotic-naïve first-episode schizophrenia patients. Her group was the first to demonstrate deficits in early information-processing in antipsychotic-naïve first-episode schizophrenia patients and to follow these changes in longitudinal studies (Mackeprang et al. 2002); a line of research that has been pursued in a large number of studies since then. Recently, her group has also provided evidence for changes in serotonin 5-HT_{2A} receptors in antipsychotic-naïve first-episode schizophrenia patients and for a possible relation between blockade of these receptors and antipsychotic effect in a subgroup of the patients. Structural MRI data from the same cohort additionally demonstrated a differentiated effect of low and high doses of an antipsychotic compound and structural changes over time – and an influence of drug abuse on the structural brain changes in antipsychotic-naïve patients.

BG has been promoter, project-leader and supervisor for a large number of preclinical and clinical PhD.-projects and has several publications in international and national journals, books, ect. Please, see PubMed.

Center for Neuropsychiatric Schizophrenia Research (CNSR) and Lundbeck Foundation Centre of Excellence for Clinical Intervention and Neuropsychiatric Schizophrenia Research (CINS): BG has build-up CNSR presently consisting of 28 researchers. CNSR has among others become internationally recognized for its ability to recruit, study, and follow hard-to-get never previously medicated first-episode schizophrenia patients. Please, see www.cnsr.dk and www.cinsr.dk. BG is also leader of CINS that is based at CNSR and today most CNSR studies are also CINS studies. CINS is a multidisciplinary research center including leading researchers from Copenhagen University Hospital as well as the Institute of Psychiatry, Kings College, London, and University Medical Center, Utrecht. The primary aims of CINS are to develop tools to predict the effect of specific interventions in the individual patient with schizophrenia – and to provide a scientific basis for new treatment and preventive strategies directed at the pathogenetic and pathophysiological disturbances in the patients. Please, see www.cinsr.dk. The studies in CNSR and CINS comprise a large number of different methods (in vivo pharmacology, electrophysiology/psychophysiology, cognition, and in collaboration with other CINS groups also structural, functional and neurochemical brain imaging).

BG has **extensive national and international collaboration**. She is, among others, principal Danish investigator for the European study **OPTIMISE** (OPTimization of Treatment and Management of Schizophrenia in Europe).

Some few selected international positions of trust, reviews for journals, ect.

- Appointed Scandinavian member of *EGRIS* (European Group on Research In Schizophrenia) since 2008
- *President*, Scandinavian College of Neuropsychopharmacology (*SCNP*) 2005 – 2007
- *Vice-president*, World Federation of Societies of Biological Psychiatry (*WFSBP*) 1997- 2001
- *Member*, Scientific Committee (*WFSBP*) from 2001
- *Co-chair*: *WFSBP* Task Force on Treatment Guidelines for schizophrenia Reviewer/member of the editorial board for several leading international scientific journals
- Reviewer of several national and international Ph.D. thesis, applications for academic positions, and applications for different foundations