

CV: Barbara Malene Fischer, MD, PhD, DMSci

CURRENT POSITIONS

Professor, Institute of Clinical Medicine, Faculty of Health, University of Copenhagen

Chief physician, Dept. of Clinical Physiology & Nuclear Medicine, Rigshospitalet

Honorary senior lecturer, School of Biomedical Engineering and Imaging Sciences, Kings College London

EDUCATION

1995-2002 Medicine, Faculty of Health, University of Copenhagen

2003-2006 PhD-studies, Rigshospitalet and University of Copenhagen

2009-2013 Specialization in Clinical Physiology and Nuclear Medicine

Full UK GMC registration 7627724

ACADEMIC DEGREES

MD 2002: Faculty of Health, University of Copenhagen

PhD 2006: PET/CT and small cell lung cancer

DMSC 2012: PET/CT in diagnosing and staging patients with non-small cell lung cancer.

RECENT POSITIONS

June 2018-21 Clinical Senior Lecturer, at BMEIS Kings College London and honorary consultant in nuclear medicine and PET at Guy's & St Thomas Hospital, London

June 2014-18 Chief physician, Dept. of Clinical Physiology, Nuclear Medicine and PET, Rigshospitalet

Aug 2013-2021 Ass. Professor, Faculty of Health, University of Copenhagen

RESEARCH PROFILE

The common thread of my research is the exploration and implementation of functional imaging in diagnosing and treatment of patients with cancer. This includes developing a model for in-vitro PET studies, pioneer clinical studies on PET/CT in staging and therapy evaluation of patients with small cell lung cancer, the world's first randomized clinical trial on PET/CT in staging of patients with non-small cell lung cancer (published in the New England Journal of Medicine) and several studies on PET/CT and PET/MR for radiotherapy planning. Currently chief investigator on a national, multicenter randomized clinical trial evaluating PET/CT and ctDNA in the surveillance of patients treated for lung cancer. As per Nov 2021 74 publications (69 peer review publications: 13 as first author, 9 as second author and 30 as last or second last author). I have >2300 citations according to Google Scholar, H-index 22/i10 38 and have secured more than 14 mill. DKK for research funding over the last 5 years.

AWARDS AND HONOURS

Tode Award (Danish Medical Society, Copenhagen 2003), Carl-Christian Severin Christiansen & Betty Caroline f. Dahlstrøms Award (2003), The Tempus Award for Lung Cancer Journalism 2006, Best presentation, Annual Meeting of Danish Society of Radiology (2011), Brinchs Æreslegat (Grant of Honour 2012) & Betty & Valdemar Van Hauens Foundation (Grant of Honour, 2018).

OTHER SCIENTIFIC QUALIFICATIONS, SUPERVISION & TEACHING

- Since 2012 invited speaker at >25 national and international meetings and conferences.
- Work package-leader for HYBRID (Marie Skłodowska-Curie Innovative Training Network on hybrid imaging under EU Horizon 2020) with colleagues in Vienna, London, Groningen, Paris, Leuven, Munich and Tübingen.
- Have supervised (completed): 1 Post-Doc, 4 PhD, 9 masters. Currently supervising 7 PhD-students. More than 500 hours of pre-graduate teaching. Course director of "Introduction to Clinical Imaging" (2014-16) and "Clinical Medico Technic" (2017-18, biomed. Engineering). Teacher at several national and international post-graduate courses (specialist courses, PhD-course, research training, European School of Molecular Imaging and Therapy).