

CURRICULUM VITAE



Name: Andreas Kjær
Born: April 12, 1963 in Copenhagen, Denmark
Acad. title: MD, PhD, DMS, MBA(E)
Position: Professor, chief physician, head of cluster

MEDICAL EDUCATION

- MD, University of Copenhagen, 1989
- United States License as MD, ECFMG, 1989
- Ph.D., Faculty of Health Sciences, Univ. of Copenhagen, 1994
- Dr.med. (Dr.Med.Sc.), Faculty of Health Sciences, Univ. of Copenhagen, 1996
- Board certified specialist (speciallæge) in Clinical Physiology & Nuclear Medicine, 2000
- Professor, Faculty of Health Sciences, Univ. of Copenhagen, 2003
- Chief Physician (overlæge), Dept. of Clin. Physiol., Nuclear Med., & PET, Rigshospitalet, 2003
- Head, Cluster for Molecular Imaging, Faculty of Health Sciences, Univ. of Copenhagen, 2004

LONGER VISITS AS GUEST RESEARCHER

- Salk Institute, San Diego, CA, USA
- Emory University, Atlanta, GA, USA

TEACHING

- Leader of compulsory course for MDs to be specialists in Clinical physiol. & nuclear medicine.
- Director, Graduate School of Medical and Molecular Imaging, Faculty of Health Sci., Univ. of Copenhagen

RESEARCH MANAGEMENT AND SUPERVISION

- Supervisor for 24 PhD students (11 granted, 2 under review, 11 ongoing)
- Supervised 12 master thesis students (human biology, medical civil engineer)
- Supervised >20 bachelor projects.
- Project leader, National Advanced Technology Foundation Project, drug evaluation for cancer

RESEARCH EVALUATION

- Opponent on several PhD theses
- Evaluator of applications for professorships (Denmark, Finland & Norway)
- Referee on more than 10 scientific journals
- Reviewer of applications for NATO workshops
- Reviewer for the National Science Foundation, USA

APPOINTMENTS

- President, Scandinavian Society for Clinical Physiology and Nuclear Medicine (2006 -)
- Member of scientific board, Danish Cancer Society (2006-12)
- Member of the Copenhagen Region specialty board in Clinical Physiology & Nuclear Medicine.
- National director and founding partner, European Advanced Translational Research Infrastructure in Medicine (EATRIS), EU, 7FP.
- Editor-in-Chief, Open Neuroendocrinology Journal (ISSN 1876-5289), Bentham Sci. Publishers
- Editor-in-Chief, Diagnostics (ISSN 2075-4418), MDPI
- President, XV SSCPNM Congress, Copenhagen, Sept. 2011

ADMINISTRATIVE EDUCATION

- Bachelor of Commerce (organization & strategy), HD(O), Copenhagen Business School, 1994
- MBA (executive), Copenhagen Business School, 1997

HONORS & AWARDS

- Sigrid Morans Award, Copenhagen Medical Society, 2003
- August Krogh Prize, Danish Medical Society, 2006
- Scientific Achievement Award, Scan. Soc. Clin. Physiol. and Nucl. Med., 2007
- Global Excellence in Health Prize, Capital Region of Denmark, 2010
- The Pasteur Prize, National Advanced Technology Foundation, 2011

PATENTS

- Total of 6 international patents/application on molecular imaging methods for detection of bleeding, neuroendocrine tumors and new nanoparticles for PET.

PUBLICATIONS

- Total of 223 (28 in 2012) scientific papers (peer review). More than 300 presentations, incl. invited speaker at larger meetings such as ESMO, ECE etc.

LIST OF PUBLICATIONS

Total of 223 peer-review publications (28 last 1 year).

Below selected publications from 2010-2012.

- Binderup T, Knigge U, Loft A, Mortensen J, Pfeifer A, Federspiel B, hansen CP, Højgaard L, **Kjaer A**. Functional Imaging of Neuroendocrine Tumors – a Head to Head Comparison of Somatostatin Receptor Scintigraphy, MIBG Scintigraphy and Fluoro-Deoxyglucose-PET. J Nucl Med 2010; 51: 704-12.
- Binderup T, Knigge U, Loft A, Federspiel B, **Kjaer A**. F-18-FDG-PET Predicts Survival of Patients with Neuroendocrine Tumors. Clin Cancer Res 2010; 16: 978-85. (Covered as Research Highlight in Nature Rev Clin Oncol 2010; 7: 184)
- Græbe M, Pedersen SF, Borgwardt L, Højgaard L, Sillesen H, **Kjaer A**. Molecular pathology in vulnerable carotid plaques: Correlation with [18]-Fluorodeoxyglucose positron emission tomography, FDG-PET. Eur J Vasc Endovasc 2009; 37: 714-21
- Denholt CL, Binderup T, Stockhausen MT, Poulsen HS, Spang-Thomsen M, Hansen PR, Gillings N, **Kjaer A**. Evaluation of 4-[18F]fluorobenzoyl-FALGEA-NH₂ as a Positron Emission Tomography tracer for epidermal growth factor receptor mutation variant III imaging in cancer. Nucl Med Biol 2010; 38: 509-15. 147.
- Jensen KS, Binderup T, Jensen KT, Therkelsen I, Borup R, Nilsson E, Multhaupt H, Bouchard C, Quistorff, **Kjaer A**, Landberg G, Staller P. FoxO3A promotes metabolic adaptation to hypoxia by antagonizing Myc function. EMBO J 2011; 30: 4554-70
- Persson M, Madsen J, Ostergaard S, Jensen MM, Jorgensen JT, Juhl K, Lehmann C, Ploug M, **Kjaer A**. Quantitative PET Imaging of Human uPAR with ⁶⁴Cu-DOTA-AE105: Implications for visualizing Cancer Invasion. J Nucl Med 2011; 53:138-45.
- Pfeifer A, Knigge U, Mortensen J, Oturai P, Berthelsen AK, Loft A, Binderup T, Rasmussen P, Elema D, Klausen TL, Holm S, von Benzon E, Højgaard L, Kjaer A. Clinical PET of Neuroendocrine Tumors Using ⁶⁴Cu-DOTATATE: First-in-Humans Study. J Nucl Med 2012; 53: 1207-15.