

## Publikationsliste 2014

### Theses

Clausen MM. PhD thesis. Molecular imaging for radiotherapy planning: a translation study – Hypoxia-guided dose painting based on 18F-FDG and 64Cu-ATSM PET in solid canine tumors. Defended on the 18th of June, 2014. University of Copenhagen.

Engelmann B. PhD thesis. FDG-PET/CT in Colon Cancer. Diagnostic value and cost-effectiveness in staging follow-up and treatment monitoring. Defended on the 27th of January 2014. University of Copenhagen.

Pedersen SF. PhD thesis. Molecular Imaging of atherosclerosis: Comparing 18F-FDG PET and Gene Expression. Defended on the 17th of March 2014. University of Copenhagen.

### Patents

WO/2014/086364: Kjaer A (together with 2 co-inventors): Positron emitting radionuclide labeled peptides for human uPAR PET imaging. Published June 12, 2014.

US/2014/0341807: Kjaer A (together with 4 co-inventors): PET tracer for imaging of neuroendocrine tumors. Published November 20, 2014.

### Publications

Agn M, Svarer C, Frokjaer VG, Greve DN, Andersen VL, Hansen HD, Herth MM, Knudsen GM, Kristensen JL. 11C-labeling and preliminary evaluation of vortioxetine as a PET radioligand. *Bioorg Med Chem Lett*. 2014 Jun 1;24(11):2408-11.

Ahtarovski KA, Iversen KK, Christensen TE, Andersson H, Grande P, Holmvang L, Bang L, Hasbak P, Lønborg JT, Madsen PL, Engstrøm T, Vejstrup NG. Takotsubo cardiomyopathy, a two-stage recovery of left ventricular systolic and diastolic function as determined by cardiac magnetic resonance imaging. *Eur Heart J Cardiovasc Imaging*. 2014 Aug;15(8):855-62.

Andersen FL, Ladefoged CN, Beyer T, Keller SH, Hansen AE, Højgaard L, Kjær A, Law I, Holm S. Combined PET/MR imaging in neurology: MR-based attenuation correction implies a strong spatial bias when ignoring bone. *Neuroimage* 2014 Jan 1;84:206-16.

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Borgwardt L, Berthelsen AK, Loft A, Højgaard L. *Clinical Molecular Anatomic Imaging - PET/CT, PET/MR and SPECT CT*, 3e. Chapter 71, Special considerations in pediatric hybrid imaging. 2014.

Borgwardt L, Højgaard L. *Clinical Molecular Anatomic Imaging - PET/CT, PET/MR and SPECT CT*, 3e. Chapter 73, Inflammation and other non-neoplastic pediatric disease. 2014.

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