

Publications 2015

Theses

Andersen VL. PhD thesis. Development of probes for in vivo molecular brain imaging of serotonin markers. Defended on the 16th of January 2015, University of Copenhagen.

Brinth LS. PhD thesis. Carotid sinus hypersensitivity - an age related baroreflex dysfunction. Defended on the 12th of November 2015, University of Copenhagen.

Cramer SP. PhD thesis. Permeability of the blood-brain barrier as measured by dynamic contrast-enhanced perfusion MRI. Defended on the 30th of June 2015, University of Copenhagen.

Knudsen A. PhD thesis. Mechanisms behind the increased risk of cardiovascular disease in HIV-infected patients. Defended on the 24th of April 2015, University of Copenhagen.

Lindberg U. PhD thesis. Measurement of the neurovascular coupling in the healthy and diseased brain using fMRI. Defended on 11th of June 2015, University of Copenhagen.

Li F. PhD thesis. ⁶⁴Cu-ATSM PET for hypoxia imaging - kinetic modelling and evaluation using pO₂ measurements. Defended on the 30th of June 2015, University of Copenhagen.

Nedergaard MK. PhD thesis. ¹⁸F-FET PET to monitor tumour response development and assess treatment response in Glioblastoma Multiforme: Multimodal imaging in orthotopic xenograft models. Defended on the 30th of March 2015, University of Copenhagen.

Olsen IH. PhD thesis. Studies of neuroendocrine carcinomas and goblet cell carcinoids. Defended on the 15th of December 2015, University of Copenhagen.

Pfeifer AK. PhD thesis. Theranostics in neuroendocrine tumors: evaluation of a new PET tracer & peptide receptor radionuclide, therapy response. Defended on the 15th of September 2015, University of Copenhagen.

Schjoeth-Eskesen C. PhD thesis. Aziridine ring-opening reactions with [¹⁸F]fluoride, strategies in the synthesis of [¹⁸F]-labelled peptides and [⁶⁴Cu]-labelled trastuzumab for targeting cancer. Defended on the 17th of March 2015, University of Copenhagen.

Wulff S. PhD thesis. The connection between dopamine D2 activity, reward disturbances and psychopathology. Defended on the 26th of February 2015, University of Copenhagen.

Patents

Kjær A (with co-inventors). ¹⁷⁷Lu labeled peptide for site-specific uPAR-targeting. EP-2846826 and US-20150132219. March 18 and May 14, 2015.

Kjær A (with co-inventors). Positron emitting radionuclide labeled peptides for human uPAR PET imaging. EP-2928505. October 14, 2015.

Kjær A (with co-inventors). Loading technique for preparing radionuclide containing nanoparticles. US-20150202336. July 13, 2015.

Olesen OV. Method for Surface Scanning in Medical Imaging and Related Apparatus. WO2015071369 . May 21, 2015.

Publications

- Andersen KF, Fuglo HM, Rasmussen SH, Petersen MM, Loft A. Volume-Based ^{18}F -FDG PET/CT Imaging Markers Provide Supplemental Prognostic Information to Histologic Grading in Patients With High-Grade Bone or Soft Tissue Sarcoma. *Medicine (Baltimore)*. 2015 Dec;94(51):e2319.
- Andersen KF, Fuglo HM, Rasmussen SH, Petersen MM, Loft A. Semi-Quantitative Calculations of Primary Tumor Metabolic Activity Using ^{18}F -FDG PET/CT as a Predictor of Survival in 92 Patients With High-Grade Bone or Soft Tissue Sarcoma. *Medicine (Baltimore)*. 2015 Jul;94(28):e1142.
- Andersen KF, Albrecht-Beste E. Brown Tumors Due to Primary Hyperparathyroidism in a Patient with Parathyroid Carcinoma Mimicking Skeletal Metastases on ^{18}F -FDG PET/CT. *Diagnostics*. 2015;5(3):290-3.
- Andersen KF, Albrecht-Beste E, Berthelsen AK, Loft A. Angiosarcoma of the Scalp: Metastatic Pulmonary Cystic Lesions Initially Misinterpreted as Benign Findings on ^{18}F -FDG PET/CT. *Diagnostics*. 2015;6(1):1-4.
- Andersen JB, Henning WS, Lindberg U, Ladefoged CN, Højgaard L, Greisen G, Law I. Positron emission tomography/magnetic resonance hybrid scanner imaging of cerebral blood flow using ^{15}O -water positron emission tomography and arterial spin labeling magnetic resonance imaging in newborn piglets. *Journal of cerebral blood flow and metabolism*. 2015 Nov;35(11):1703-10.
- Andrésdóttir G, Jensen ML, Carstensen B, Parving HH, Hovind P, Hansen TW, Rossing P. Improved prognosis of diabetic nephropathy in type 1 diabetes. *Kidney Int*. 2015 Feb;87(2):417-26.
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