

Department of Clinical Physiology, Nuclear Medicine and PET

Publications 2011

Doctoral theses and PhD theses defended during the year of 2011

Lundby T. Obstacles and motivation when implementing an accreditation model. 2011.

Olesen OV. Markerless 3D Head Tracking for Motion Correction in High Resolution PET Brain Imaging. 2011.

Sloth Kristoffersen U. Ischemic heart disease in HIV patients: studies on the pathophysiology behind the increased risk. 2011.

Scientific publications

Andersen JB, Mortensen J, Bech BH, Højgaard L, Borgwardt L. First experiences from Copenhagen with paediatric single photon emission computed tomography/computed tomography. *Nuclear Medicine Communications*. 2011 mar 4;356.

Andreassen M, Faber JO, Kjær A, Petersen CL, Kristensen LØ. Cardiac function in growth hormone deficient patients before and after 1 year with replacement therapy: a magnetic resonance imaging study. *Pituitary*. 2011 mar 1;14(1):1-10.

Arveschoug A, Hjorthaug K, Oturai PS. Neuroendokrine tumorer og binyrerne. I: *Klinisk Nuklearmedicin*. 2011.
Ashraf H, Dirksen A, Jakobsen AL, Berthelsen AK, Bach KS, Hansen H et al. Combined use of positron emission tomography and volume doubling time in lung cancer screening with low-dose CT scanning. *Thorax*. 2011;66(4):315-9.

Askgaard G, Kristoffersen US, Mehlsen J, Kronborg G, Kjaer A, Lebech A. Decreased Heart Rate Variability in HIV Positive Patients Receiving Antiretroviral Therapy: Importance of Blood Glucose and Cholesterol. *P L o S One*. 2011 jan 1;6(5):e20196.

Aznar MC, Andersen F, Berthelsen AK, Josipovic M, Klausen TL, Jakobsen AL et al. Feasibility of breathing-adapted PET/CT imaging for radiation therapy of Hodgkin lymphoma. *Cancer Imaging*. 2011;11:S117.

Basu S, Zaidi H, Holm S, Alavi A. Quantitative Techniques in PET-CT Imaging. *Current Medical Imaging Reviews*. 2011;7(3):216-33.

Berthelsen AK, Jakobsen AL, Sapru W, Kristensen CA, Christensen C, Roed H et al. PET/CT Based Dose Planning in Radiotherapy. *Current Medical Imaging Reviews*. 2011 aug;7(3):210-215.

Binderup T, El Ali HH, Ambrosini V, Skovgaard D, Munk Jensen M, Li F et al. Molecular Imaging with Small Animal PET/CT. *Current Medical Imaging Reviews*. 2011;7(3):234-47.

Boggia J, Thijs L, Hansen TW, Li Y, Kikuya M, Björklund-Bodegård K et al. Ambulatory blood pressure monitoring in 9357 subjects from 11 populations highlights missed opportunities for cardiovascular prevention in women. *Hypertension*. 2011 mar 1;57(3):397-405.

Borgwardt L. Pædiatrisk Nuklearmedicin. I: *Klinisk Nuklearmedicin*. 2011.

Borgwardt HG, Mortensen J, Hag AMF, Jensen CV, Kristoffersen US, Brinth L et al. Limited value of novel pulmonary embolism biomarkers in patients with coronary atherosclerosis. *Clinical Physiology and Functional Imaging*. 2011 nov 1;31(6):452-7.

Borgwardt HG, Mortensen J, Kjær A. Ventilation/perfusion imaging with SPECT-CT. I: *Atlas of SPECT-CT*. Eds. Fanti S, Farsad M, Mansi L.. 2011. s. 195-202.

Bouchelouche K, Tagawa ST, Goldsmith SJ, Turkbey B, Capala J, Choyke P. PET/CT Imaging and Radioimmunotherapy of Prostate Cancer. *Seminars in Nuclear Medicine*. 2011 jan 1;41(1):29-44.

Brodin NP, Munck af Rosenschöld PM, Aznar MC, Berthelsen AK, Vogelius I, Nilsson P et al. Radiobiological risk estimates of adverse events and secondary cancer for proton and photon radiation therapy of pediatric medulloblastoma. *Acta Oncologica*. 2011;50(6):806-16.

Chakera AH, Nielsen BS, Madsen J, Romer J, Kristjansen PEG, Buch I et al. Immunolymphoscintigraphy for metastatic sentinel nodes: test of a model. *International Journal of Molecular Imaging*. 2011;2011:828151.

Christensen C, Loft A, Hesse B. *Klinisk Nuklearmedicin*, 2. udgave. DSKFNM, 2011.

Christensen A, Bilde A, Therkildsen MH, Mortensen J, Charabi B, Kirkegaard J et al. The prevalence of occult metastases in nonsentinel lymph nodes after step-serial sectioning and immunohistochemistry in cN0 oral squamous cell carcinoma. *The Laryngoscope*. 2011 feb 1;121(2):294-8.

Denholt CL, Binderup T, Stockhausen M, Poulsen HS, Spang-Thomsen M, Hansen PR et al. Evaluation of 4-[(18)F]fluorobenzoyl-FALGEA-NH(2) as a positron emission tomography tracer for epidermal growth factor receptor mutation variant III imaging in cancer. *Nuclear Medicine and Biology*. 2011 maj;38(4):509-15.

Eckardt R, Kjeldsen BJ, Haghfelt T, Grupe P, Johansen A, Andersen LI et al. Angiography-based prediction of outcome after coronary artery bypass surgery versus changes in myocardial perfusion scintigraphy. *Interactive Cardiovascular and Thoracic Surgery*. 2011;13(5):505-10.

El Fassi D, Nielsen CH, Junker MP, Hasselbalch HC, Hegedüs L. Systemic adverse events following rituximab therapy in patients with Graves' disease. *Journal of Endocrinological Investigation*. 2011;34(7):e163-7.

Erritzoe D, Frøkjær V, Holst KK, Christoffersen M, Johansen SS, Svarer C et al. In vivo imaging of cerebral serotonin transporter and serotonin(2A) receptor binding in 3,4-methylenedioxymethamphetamine (MDMA or "ecstasy") and hallucinogen users. *Archives of General Psychiatry*. 2011;68(6):562-76.

Ettrup A, Hansen M, Santini MA, Paine JS, Gillings N, Palner M et al. Radiosynthesis and in vivo evaluation of a series of substituted 11C-phenethylamines as 5-HT (2A) agonist PET tracers. *European Journal of Nuclear Medicine and Molecular Imaging*. 2011;38(4):681-93.

Ettrup A, Mikkelsen JD, Lehel S, Madsen J, Nielsen EØ, Palner M et al. 11C-NS14492 as a novel PET radioligand for imaging cerebral alpha7 nicotinic acetylcholine receptors: in vivo evaluation and drug occupancy measurements. *Journal of Nuclear Medicine*. 2011;52(9):1449-56.

Fischer BM, Mortensen J, Hansen H, Vilmann P, Larsen SS, Jakobsen AL et al. Multimodality approach to mediastinal staging in non-small cell lung cancer. Faults and benefits of PET-CT: a randomised trial. *Thorax*. 2011 apr 1;66(4):294-300.

Fischer BM, Lassen U, Højgaard L. PET-CT in preoperative staging of lung cancer. *Briefings from the New England Journal of Medicine*. 2011;364(10):980-1.

Flotats A, Knuuti J, Gutberlet M, Marcassa C, Bengel FM, Kaufmann PA et al. Hybrid cardiac imaging: SPECT/CT and PET/CT. A joint position statement by the European Association of Nuclear Medicine (EANM), the European Society of Cardiac Radiology (ESCR) and the European Council of Nuclear Cardiology (ECNC). *European Journal of Nuclear Medicine and Molecular Imaging*. 2011 jan 1;38(1):201-12.

Flotats A, Hasbak P, Hidalgo A, Leta R. Cardiac SPECT-CT and PET-CT Imaging. *Current Medical Imaging Reviews*. 2011;7(3):175-92.

Friis T, Haack-Sørensen M, Mathiasen AB, Ripa RS, Kristoffersen US, Jørgensen E et al. Mesenchymal stromal cell derived endothelial progenitor treatment in patients with refractory angina. *Scandinavian Cardiovascular Journal*. 2011 jun 1;45(3):161-8.

Grüner JM, Paamand R, Højgaard L, Law I. Brain perfusion CT compared with 15O-H2O-PET in healthy subjects. *EJNMMI research*. 2011;1(1):28.

Græbe M, Sillesen HH, Kjær A, Højgaard L. Carotid plaque imaging with FDG-PET and ultrasound. *Future Medicine: Imaging Med*. 2011;3(1):17-30.

Hansen TW, Li Y, Boggia J, Thijs L, Richart T, Staessen JA. Predictive role of the nighttime blood pressure. *Hypertension*. 2011;57(1):3-10.

Hansen A, McEvoy F, Engelholm SA, Law I, Kristensen AT. FDG PET/CT imaging in canine cancer patients. *Veterinary Radiology & Ultrasound*. 2011;52(2):201-6.

Hansen AE, Kristensen AT, Law I, Jørgensen J, Engelholm SA. Hypoxia-inducible factors--regulation, role and comparative aspects in tumourigenesis. *Veterinary and Comparative Oncology*. 2011;9(1):16-37.

Hasbak P, Kjær A. 82 Rubidium-PET kan blive den nye myokardieskintigrafi. *Ugeskrift for Læger*. 2011;173(8):567-72.

Hasbak P, Kjær A, Skovgaard DC, Bang LE, Grande P, Holmvang L. Preserved myocardial blood flow in the apical region involved in takotsubo cardiomyopathy by quantitative cardiac PET assessment. *Journal of Nuclear Cardiology*. 2012;19(1):169-71.

Hasbak P, Johansen A. Det kardiovaskulære system. I: *Klinisk Nuklearmedicin*. 2011. s. 18-46.

Hesse B, Christensen C, Jakobsen AL. *Klinisk Nuklearmedicin*. I: *Klinisk Nuklearmedicin*. DSKFNM. 2011.

Hesse B, Vinberg N, Mosbech H. Exanthema after a stress Tc-99m sestamibi study: continue with a rest sestamibi study?. *Clinical Physiology and Functional Imaging*. 2011;31(3):246-8.

Hjermland LE, Law I, Jønch A, Stokholm J, Nielsen JE. Huntington's disease: effect of memantine on FDG-PET brain metabolism?. *Journal of Neuropsychiatry and Clinical Neurosciences*. 2011;23(2):206-10.

Hornum M, Andersen M, Gustafsson F, Oturai PS, Sander K, Mortensen SA et al. Rapid decline in glomerular filtration rate during the first weeks following heart transplantation. *Transplantation Proceedings*. 2011;43(5):1904-7.

Hutchings M, Berthelsen AK, Barrington SF. The role of imaging in radiotherapy for Hodgkin lymphoma. I: Specht L, Yahalom J red., *Radiotherapy for Hodgkin lymphoma*. Heidelberg: Springer. 2011. s. 81-89.

Højgaard L. Nye og kommende diagnostiske undersøgelser for kræft. *Ugeskrift for Læger*. 2011;173(24):1715-8.
Jensen PS, Ziebell M, Skouboe G, Khalid U, de Nijs R, Thomsen G et al. Validation of a method for accurate and highly reproducible quantification of brain dopamine transporter SPECT studies. *Journal of Nuclear Medicine Technology*. 2011;39(4):271-8.

Jensen KS, Binderup T, Jensen KT, Therkelsen I, Borup R, Nilsson E et al. FoxO3A promotes metabolic adaptation to hypoxia by antagonizing Myc function. *E M B O Journal*. 2011;30(22):4554-70.

Joergensen C, Hovind P, Schmedes A, Parving H, Rossing P. Vitamin D levels, microvascular complications, and mortality in type 1 diabetes. *Diabetes Care*. 2011 maj 1;34(5):1081-5.

Johansen J, Petersen H, Godballe C, Loft A, Grau C. FDG-PET/CT for detection of the unknown primary head and neck tumor. *Quarterly Journal of Nuclear Medicine and Molecular Imaging*. 2011;55(5):500-8.

Jørgensen A, Law I, Nielsen S, Jørgensen MB. Fluorodeoxyglucose positron emission tomography in juvenile systemic lupus erythematosus with psychiatric manifestations: relation to psychopathology and treatment response in two cases.

Rheumatology. 2012;51(1):193-5.

Kalliokoski KK, Boushel RC, Langberg H, Scheede-Bergdahl C, Ryberg AK, Døssing S et al. Differential glucose uptake in quadriceps and other leg muscles during one-legged dynamic submaximal knee-extension exercise. *Frontiers in physiology*. 2011;2:75.

Keller SH, Lauze F, Nielsen MK. Video super-resolution using simultaneous motion and intensity calculations. *IEEE transactions on image processing : a publication of the IEEE Signal Processing Society*. 2011;20(7):1870-84.

Kjær A, Inventer. Nanoparticle composition useful in cancer therapy comprises vesicle forming component, agenttrapping component enclosed by vesicle-forming component; radionuclides entrapped on interior side of the composition.. WO2011006510-A1.

Klausen TL, Andersen F, Kemp B. Hardware and Software Approaches to Multi-Modality Imaging. *Current Medical Imaging Reviews*. 2011;7(3):169-74.

Klein AB, Williamson R, Santini MA, Clemmensen C, Ettrup A, Rios M et al. Blood BDNF concentrations reflect brain tissue BDNF levels across species. *International Journal of Neuropsychopharmacology*. 2011;14(3):347-53.

Kriegbaum MC, Persson M, Haldager L, Alpizar WEA, Jacobsen B, Gardsvoll H et al. Rational targeting of the urokinase receptor (uPAR): development of antagonists and non-invasive imaging probes. *Current Drug Targets*. 2011;12(12):1711-28.

Kristiansen LV, Röllinghoff M, Berghmans S, Højgaard L. Gene-environment interaction in chronic disease: a European Science Foundation Forward Look. Preface. *Journal of Allergy and Clinical Immunology*. 2011;128(6 Suppl):25-6.

Kupers R, Frokjaer VG, Erritzoe D, Naert A, Budtz-Joergensen E, Nielsen FA et al. Serotonin transporter binding in the hypothalamus correlates negatively with tonic heat pain ratings in healthy subjects: a [11C]DASB PET study.

NeuroImage. 2011 jan 15;54(2):1336-43.

Kupers R, Laere KV, Calenbergh FV, Gybels J, Dupont P, Baeck A et al. Multimodal therapeutic assessment of peripheral nerve stimulation in neuropathic pain: five case reports with a 20-year follow-up. *European journal of pain* (London, England). 2011 feb 1;15(2):161.e1-9.

Kupers R, Lonsdale MG, Aasvang EK, Kehlet H. A positron emission tomography study of wind-up pain in chronic postherniotomy pain. *European Journal of Pain*. 2011 aug 1;15(7):698.e1-698.e16.

Law I, Friberg LA, Jensen LT. *Nervesystemet. I: Klinisk Nuklearmedicin*. Gads forlag. 2011.

Madsen K, Erritzoe D, Mortensen EL, Gade A, Madsen J, Baaré W et al. Cognitive function is related to fronto-striatal serotonin transporter levels--a brain PET study in young healthy subjects. *Psychopharmacology*. 2011 feb 1;213(2-3):573-81.

Madsen K, Haahr MT, Marner L, Keller SH, Baaré WF, Svarer C et al. Age and sex effects on 5-HT(4) receptors in the human brain: a [(11)C]SB207145 PET study. *Journal of Cerebral Blood Flow and Metabolism*. 2011 jun 1;31(6):1475-81.

Madsen K, Neumann W, Holst K, Marner L, Haahr MT, Lehel S et al. Cerebral serotonin 4 receptors and amyloid- β in early Alzheimer's disease. *Journal of Alzheimer's Disease*. 2011;26(3):457-66.

Madsen K, Marner L, Haahr M, Gillings N, Knudsen GM. Mass dose effects and in vivo affinity in brain PET receptor studies--a study of cerebral 5-HT₄ receptor binding with [11C]SB207145. *Nuclear Medicine and Biology*. 2011;38(8):1085-91.

Madsen J, Elfving B, Frøkjær V, Kornum BR, Thomsen G, Martiny L et al. Synthesis and Biological Evaluation of 125I/123I-Labelled Analogues of Citalopram and Escitalopram as Potential Radioligands for Imaging of the Serotonin Transporter. *Journal of Labelled Compounds and Radiopharmaceuticals*. 2011;54:185-190.

Madsen J, Christensen JB, Olsen OH, Christoffersen CL, Petersen LC, Tranholm M et al. Recombinant coagulation factor VIIa labelled with the fac-99 mTc(CO)₃-core: synthesis and in vitro evaluation of a putative new radiopharmaceutical for imaging in acute bleeding lesion. *Journal of Labelled Compounds and Radiopharmaceuticals*. 2011;54(4):214-19.

Marner L, Knudsen GM, Madsen K, Holm S, Baaré W, Hasselbalch SG. The Reduction of Baseline Serotonin 2A Receptors in Mild Cognitive Impairment is Stable at Two-year Follow-up. *Journal of Alzheimer's disease : JAD*. 2011 jan 1;23(3):453-9.

Milman N, Graudal N, Loft A, Mortensen J, Larsen J, Baslund B. Effect of the TNF- α inhibitor adalimumab in patients with recalcitrant sarcoidosis: a prospective observational study using FDG-PET. *Clinical Respiratory Journal*. 2011

Moller AKH, Jakobsen AL, Berthelsen AK, Damgaard K, Graff J, Christensen CB et al. 18F-FDG PET/CT as a diagnostic tool in patients with extracervical carcinoma of unknown primary site: a literature review. *The oncologist*. 2011;16(4):445-51.

Mortensen J, Dahl B. *Inhalationsbehandling. I: KOL - sygdom, behandling og organisation*. Munksgård Danmark. 2011. s. 91-99.

Mortensen J, Fischer BM, Hess S. *Respirationsorganerne. I: Klinisk Nuklearmedicin*. Dansk Selskab for Klinisk Fysiologi og Nuklearmedicin. København: Eget forlag. 2011. s. 75-91.

Mortensen BK, Nielsen SD, Christensen CB, Helweg-Larsen J. Immune reconstitution syndrome presenting as probable AIDS-related lymphoma: a case report. *AIDS Research and Therapy*. 2011 jan 1;8:34.

Munck af Rosenschöld P, Engelholm S, Ohlhues L, Law I, Vogelius I, Engelholm SA. Photon and proton therapy planning comparison for malignant glioma based on CT, FDG-PET, DTI-MRI and fiber tracking. *Acta Oncologica*. 2011;50(6):777-83.

Møller A, Christensen C. *Ukendt primær tumor. I: Klinisk Nuklearmedicin, 2. udgave*. 2011.

Nalla A, Buch I, Hesse B. Easy and Efficient 111Indium Labeling of Long-Term Stored DTPA Conjugated Protein. *Current Radiopharmaceuticals*. 2011;4(1):1-4.

Nielsen S, Møller-Madsen S, Isager T, Jørgensen J, Pagsberg K, Theander S. Standardized mortality in eating

disorders--a quantitative summary of previously published and new evidence. *Journal of Psychosomatic Research*. 2011;44(3-4):413-34.

Nielsen KR, Chakera AH, Hesse B, Scolyer RA, Stretch JF, Thompson JF et al. The diagnostic value of adding dynamic scintigraphy to standard delayed planar imaging for sentinel node identification in melanoma patients. *European Journal of Nuclear Medicine and Molecular Imaging*. 2011;38(11):1999-2004.

Nielsen KR, Oturai PS, Friis E, Hesse U, Callesen T, Nielsen MB et al. Axillary sentinel node identification in breast cancer patients: degree of radioactivity present at biopsy is critical. *Clinical Physiology and Functional Imaging*. 2011;31(4):288-93.

Nielsen JS, Rode F, Rahbek M, Andersson K, Rønn LC, Bouchelouche K et al. Effect of the SK/IK channel modulator 4,5-dichloro-1,3-diethyl-1,3-dihydro-benzoimidazol-2-one (NS4591) on contractile force in rat, pig and human detrusor smooth muscle. *B J U International (Online)*. 2011;108(5):771-7.

Olesen OV, Paulsen R, Højgaard L, Roed B, Larsen R. Motion tracking for medical imaging: a nonvisible structured light tracking approach. *I E E E Transactions on Medical Imaging*. 2012;31(1):79-87.

Olsen NV, Aachmann-Andersen N, Oturai PS, Munch-Andersen T, Bornø A, Hulston C et al. Erythropoietin downregulates proximal renal tubular reabsorption and causes a fall in glomerular filtration rate in humans. *Journal of Physiology*. 2011 mar 15;589(Pt 6):1273-81.

Olsen IH, Langer SW, Jepsen I, Assens M, Federspiel B, Hasselby JP et al. First-line treatment of patients with disseminated poorly differentiated neuroendocrine carcinomas with carboplatin, etoposide, and vincristine: a single institution experience. *Acta Oncologica*. 2012;51(1):97-100.

Osbak PS, Mourier M, Kjaer A, Henriksen JH, Kofoed KF, Jensen GB. A randomized study of the effects of exercise training on patients with atrial fibrillation. *American Heart Journal*. 2011;162(6):1080-7.

Oturai PS, Arveschoug A. Thyroidea og parathyroidea. I: *Klinisk Nuklearmedicin*. København: Eget forlag. 2011.

Oturai PS, Arveschoug A, Theil J. Radionuklid terapi. I: *Klinisk Nuklearmedicin*. København: Eget forlag. 2011.
Pedersen SF, Graebe M, Hag AMF, Højgaard L, Sillesen H, Kjaer A. Microvessel Density But Not Neoangiogenesis Is Associated with (18)F-FDG Uptake in Human Atherosclerotic Carotid Plaques. *Molecular imaging and biology : MIB : the official publication of the Academy of Molecular Imaging*. 2011

Persson M, Madsen J, Østergaard S, Jensen MM, Jørgensen JT, Juhl K et al. Quantitative PET of human urokinase-type plasminogen activator receptor with ⁶⁴Cu-DOTA-AE105: implications for visualizing cancer invasion. *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*. 2012;53(1):138-45.

Persson M, Madsen J, Ostergaard S, Ploug M, Kjaer A. (68)Ga-labeling and in vivo evaluation of a uPAR binding DOTA and NODAGA-conjugated peptide for PET imaging of invasive cancers. *Nuclear Medicine and Biology*. 2011

Petersen M, Elers J, Børglum J, Belhage B, Mortensen J, Maschmann C. Is pulmonary function affected by bilateral dual transversus abdominis plane block? A randomized, placebo-controlled, double-blind, crossover pilot study in healthy male volunteers. *Regional Anesthesia and Pain Medicine*. 2011 nov 1;36(6):568-71.

Petersen AL, Binderup T, Rasmussen PD, Henriksen JR, Elema DR, Kjær A et al. ⁶⁴Cu loaded liposomes as positron emission tomography imaging agents. *Biomaterials Forum*. 2011;32(9):2334-41.

Petersen AL, Binderup T, Jøelck RI, Rasmussen PD, Henriksen JR, Pfeifer AK et al. Positron emission tomography evaluation of somatostatin receptor targeted (64)Cu-TATE-liposomes in a human neuroendocrine carcinoma mouse model. *Journal of controlled release : official journal of the Controlled Release Society*. 2012

Pfeifer AK, Gregersen T, Grønnebæk H, Hansen CP, Müller-Brand J, Herskind Bruun K et al. Peptide receptor radionuclide therapy with Y-DOTATOC and (177)Lu-DOTATOC in advanced neuroendocrine tumors: results from a Danish cohort treated in Switzerland. *Neuroendocrinology*. 2011;93(3):189-96.

Reinhard H, Hansen PR, Persson F, Tarnow L, Wiinberg N, Kjær A et al. Elevated NT-proBNP and coronary calcium score in relation to coronary artery disease in asymptomatic type 2 diabetic patients with elevated urinary albumin excretion rate. *Nephrology, Dialysis, Transplantation*. 2011;26(10):3242-9.

Reinhard H, Nybo M, Hansen PR, Wiinberg N, Kjær A, Petersen CL et al. Osteoprotegerin and coronary artery disease in type 2 diabetic patients with microalbuminuria. *Cardiovascular Diabetology*. 2011;10:70.

- Reinhard H, Wiinberg N, Hansen PR, Kjær A, Petersen CL, Winther K et al. NT-proBNP levels, atherosclerosis and vascular function in asymptomatic type 2 diabetic patients with microalbuminuria: peripheral reactive hyperaemia index but not NT-proBNP is an independent predictor of coronary atherosclerosis. *Cardiovascular Diabetology*. 2011;10:71.
- Risum S, Jakobsen AL, Høgdall C, Berthelsen AK, Høgdall E, Lundvall L et al. Standardized FDG uptake as a prognostic variable and as a predictor of incomplete cytoreduction in primary advanced ovarian cancer. *Acta Odontologica Scandinavica*. 2011 apr 1;50(3):415-9.
- S. Musiek E, Borgwardt L, Saboury B, Alavi A. Hybrid PET Imaging in Neurologic Disease: PET/MRI Rather than PET/CT. *Current Medical Imaging Reviews*. 2011;7(3):193-201.
- Schäfer K, Blankenburg F, Kupers R, Grüner JM, Law I, Lauritzen M et al. Negative BOLD signal changes in ipsilateral primary somatosensory cortex are associated with perfusion decreases and behavioral evidence for functional inhibition. *NeuroImage*. 2011;59(4):3119-27.
- Sehestedt T, Hansen TW, Li Y, Richart T, Boggia J, Kikuya M et al. Are blood pressure and diabetes additive or synergistic risk factors? outcome in 8494 subjects randomly recruited from 10 populations. *Hypertension research : official journal of the Japanese Society of Hypertension*. 2011 feb 10
- Sehestedt T, Lyngbæk S, Eugen-Olsen J, Jeppesen J, Andersen O, Hansen TW et al. Soluble urokinase plasminogen activator receptor is associated with subclinical organ damage and cardiovascular events. *Atherosclerosis*. 2011 maj 1;216(1):237-43.
- Skovgaard DC, Kjaer A, Heinemeier KM, Brandt-Larsen M, Madsen J, Kjaer M. Use of cis-[18F]fluoro-proline for assessment of exercise-related collagen synthesis in musculoskeletal connective tissue. *P L o S One*. 2011;6(2):e16678.
- Soeby-Land C, Dixen U, Therkelsen SK, Kjaer A. Increased plasma aldosterone during atrial fibrillation declines following cardioversion. *Interventional Cardiology*. 2011;118(4):239-44.
- Specht L, Berthelsen AK, Jakobsen AL. PET/CT til radioterapi. I: Hesse B, Jakobsen AL, Christensen C red., *Klinisk Nuklearmedicin*. København: DSKFNM. 2011. s. 266-272.
- Steinhausen K, Berghmans S, Højgaard L. Frontline health care can be improved by bringing research into the clinic. *British Journal of Hospital Medicine (London, 2005)*. 2011;72(11):606-7.
- Strickertsson JAB, Døssing KBV, Aabakke AJ, Nilsson H, Hansen TVO, Knigge U et al. Interferon- γ inhibits ghrelin expression and secretion via a somatostatin-mediated mechanism. *World Journal of Gastroenterology*. 2011;17(26):3117-25.
- Sveistrup J, Loft A, Engelholm SA. Anal Cancer debuting as Cancer of Unknown Primary. *Rare Tumors*. 2011;3:e18.
- Søgaard R, Fischer BMB, Mortensen J, Højgaard L, Lassen U. Preoperative staging of lung cancer with PET/CT: costeffectiveness evaluation alongside a randomized controlled trial. *European Journal of Nuclear Medicine and Molecular Imaging*. 2011;38(5):802-9.
- Ubachs J, Bang L, Lønborg J, Hasbak P, Wagner G. Acute Myocardial infarction. I: *Multimodal Cardiovascular Imaging: Principles and Clinical Applications*. 2011. s. 360-68.
- Wiis Vogelsang T, Marving J, G. Crandall C, Wilson C, C. Yoshiga C, Secher NH et al. Atrial Natriuretic Peptide and Acute Changes in Central Blood Volume by Hyperthermia in Healthy Humans. *The Open Neuroendocrinology Journal*. 2012;5:1-4.