

Liselotte Højgaard  
Klinisk professor  
Institut for Klinisk Medicin  
Klinisk fysiologi og nuklearmedicin  
**Postadresse:**  
Blegdamsvej 3  
2200  
København N.  
**E-mail:** liselotte.hoejgaard@regionh.dk  
**Telefon:** +4535454215  
**Hjemmeside:** <https://ikm.ku.dk/>



## Present positions

Head of Department Rigshospitalet, Department of Clinical Physiology, Nuclear Medicine & PET, University of Copenhagen from 2000.

Professor in Medical Technology, University of Copenhagen, Faculty of Health Sciences.

Adjunct Professor in Advanced Imaging, DTU, The Technical University of Denmark.

Chairman of The Board of The Danish National Research Foundation.

## Bibliography

Born in Copenhagen 1957, Baccalaureate Denmark 1975, MD University of Copenhagen 1982.

Clinical education Copenhagen University hospitals in medical gastroenterology and clinical physiology & nuclear medicine. Specialist in clinical physiology & nuclear medicine 1990.

Doctor of Medical Sciences, University of Copenhagen 1991.

Consultant Hvidovre Hospital 1994, Dept. of Clinical Physiology & Nuclear medicine.

Consultant Rigshospitalet 1998, Dept. of Clinical Physiology, Nuclear Medicine and PET.

Head of Department, Chief Physician from 2000.

INSEAD Fontainebleau, leadership course AWIRA, 2001-2002.

In 2015 chair of the Danish National Task Force for strengthening women in science, appointed by the Danish Minister.

Chair of the board of the Danish National Research

Foundation covering all research areas from science, technology and medicine to social science and humanities. Special theme in the foundation about research integrity and ethics.

Editor-in-chief Ugeskrift for Læger, the national medical journal in Denmark 1996-2002. (Weekly circulation 25,000 and 5,000 pages annually and PubMed indexed). Member of the Vancouver group (ICMJE), Chair in 2000 when the authorship criteria were changed. Author of the "Uniform Requirements" Vancouver guidelines 2001.

Active in teaching pre- and postgraduate since 1980's. Founder of the new education at DTU and University of Copenhagen in biomedical engineering.

A broad portfolio of positions in Danish and international medical societies, government councils and advisory boards.

International positions: Chair of ESFRI BMS Working Group in Clinical and Translational research.

Chair of The Standing Committee of The European Medical Research Councils, EMRC, at ESF, The European Science Foundation, Strasbourg, France, 2006-2012.

Chair of the EU Science Advisory Board The European Commission, Health Research, 2010-2012.

Chair of the Science Advisory Board, The European Commission from 2012, Health, Demographic Changes & Wellbeing.

From 2013 Chairman of the Board of The Danish National Research Foundation. <http://issuu.com/dnrf/docs/dnrf-annual-report-2014>

In 2015 chair of the Danish National Task Force for strengthening women in science, appointed by the Danish Minister.

Knighthood (Ridder af Dannebrog), Denmark, 2007. Chevalier de la Légion d'Honneur, France, 2015.

## Research

>200 research publications in gastroenterology, pathophysiology, nuclear medicine and PET. In total 400 publications, including articles on research policy, methodology, strategy etc. International scientific lectures: >100 as invited/key-note speaker. 20 book chapters Supervisor 30 PhD, bachelor and master candidates. Evaluator of numerous master, PhD and DMSc thesis in Denmark and internationally President for The Medical Society of Copenhagen, founded 1772, from 2000-2002 Member of the Royal Danish Academy of Sciences & Letters, Member of ATV, The Academy for Technical

Sciences, Denmark, Member of the European Academy for Cancer Sciences, The Euro-pean Cancer Concord and professional scientific societies: EANM, SNM, DSKFNM.

## Leadership

Formal education: High level leadership courses for chief physicians, Danish Medical Association, Center for Leadership and INSEAD Fontainebleau, AWIRA, 2001-2002. Bestyrelses Akademiet 2014. Practical experience: Editor-in-chief Ugeskrift for Læger, the national medical journal in Denmark 1996-2002. Weekly circulation 25,000 and PubMed indexed. Head of Dept. Rigshospita-let from 2000 – 2016. The department is Global Excellence, has 160 publications annually, 120,000 patient investigations, staff 250, no waiting list and the highest score on staff satisfaction at Rigshospitalet. International experience as chair of EMRC with office in Strasbourg and international staff. Member and chair of committees, academies and boards in Denmark and internationally, and from 2013 Chairman of the board of The Danish National Research Foundation, a public inde-pendent foundation for excellent research of all types in Denmark, responsible for investments of 6 bio. DKK and with an annual budget 0.5 billion DKK. <http://issuu.com/dnrf/docs/dnrf-annual-report-2014>.

## Awards and Honours

- The Grant of Honour of Kathrine and Jakob Madsen 1999
- The Grant of Honour of Minister Erna Hamilton for Science and Art 2000
- The Prize of Honour for Clinical Physiology and Nuclear Medicine, DK, 2001
- The Medico Prize, DK, 2004
- The Niels A. Lassen Prize, 2005
- The Klein Award, The Medical Society of Copenhagen 2010
- The Ib Henriksen Prize, 2011.
- Knighthood (Ridder af Dannebrog), Denmark, 2007.
- Chevalier de la Légion d'Honneur, France. 2015.

## International Positions, overview

### *ESFRI*

- Danish Member of ESFRI BMS Working Group 2003-2006
- Chair of the Expert Group on Clinical and Translational Medical Research under ESFRI,
- The European Strategy Forum on Research Infrastructure, assisted by advisor Prof. Fotis Kafatos from ERC and Imperial College, 2003-2006

### *EMRC*

- Chair of The Standing Committee of the European Medical Research Councils EMRC, ESF, The European Science Foundation, Strasbourg, 2006-2012.
- Member of The Science Advisory Board, ECRIN, Paris, 2006-2012.
- Member of The Science Advisory Board, ESF, 2007-2011.

## Research Policy Advice

- Member of BioVision, The World Life Sciences Forum, France, from 2010.
- Member of the Science Advisory Board, Deutsche Krebsforschungs Zentrum, DKFZ, Heidelberg, 2011-2015.
- Member of the Science Advisory Board, VUMC, Free University Medical Center, Amsterdam, Bioimaging, 2009.
- Member OECD Global Science Forum. Clinical Research, 2009-11.
- Chair, Copenhagen Research Forum, from 2011.
- Member of ESOF Steering Committee, 2012-2014.
- Member of WHO, European Research Advisory Committee, 2013-2014.
- Chair of the Advisory Board, Health Research for The European Commission, Bruxelles, 2010-2012. Budget ~ 1 bio € annually.
- Member of the Science Advisory Board, IMI, The Innovative Medicines Initiative, Bruxelles, from 2008-2011.
- Membre Conseil d'Administration, INSERM, "Institut national de la santé et de la recherche mé-dicale", France from 2009. Annual Budget ~ 1 bio €.
- Chair of the Horizon 2020 Advisory Group, the European Commission, Societal Challenge 1: "Health, Demographic Change and Wellbeing" from 2013. Budget ~ 1 bio € annually.
- Advisor to the French Government 2015-2016: "Medicin du future", strategic High Level Group to the Ministers of Health, Science and Economy.
- Chair, reelected second term Advisory Group, EC Horizon 2020, Societal Challenge 1: "Health, Demographic change and Wellbeing" from 2016.

## Research councils and advice, Denmark

- Chairman of The Board of The Danish National Research Foundation.  
<http://issuu.com/dnrf/docs/dnrf-annual-report-2014>
- President of The Royal Medical Society of Copenhagen, founded 1772.  
(Member of the board from 1992, president 2000-2002).
- Member of The Danish Ministry of Justice, Animal Research Council, from 1999.
- Member of The Danish Cancer Society, Medical and Science Advisory Board 2000-2006.
- Member of The Danish Research Policy Council, from 2004.
- Member of AFI, Working group for Research Infrastructure in Denmark, 2003-2006.
- Member ESOF Copenhagen 2014.
- Member Danish Regions and Capital Region of Copenhagen's,  
Cancer Steering Committees, 2010-
- Member of the Cancer Steering Committee, Danish Regions, 2010-
- Member of Advisory Board, KU life, Dept. of Food Science, Faculty of Life Science,  
2008-2011.
- Member of Advisory Board, DTU, 2010-2012.
- Science Advisory Board of the Niels Bohr Archive from 2014
- Member of the Board of The Arvid Nilssons' Foundation, Denmark.
- Medical expert The Danish Medicinal Agency 1987-1993.
- Medical expert for Consultant for The European Medicinal Agency 1990-1993  
for the mutual recognition process of Radiopharmaceuticalls.
- Sundhedsfagligt Råd, Chair 1999-2005. Vicechair 2012-

### Member of Scientific Societies

- Elected member of the Royal Danish Academy of Sciences and Letters.
- Elected member of ATV, The Academy of Technical Sciences, Denmark
- Elected member of The European Academy of Cancer Science
- Elected member of The European Cancer Concord
- The Medical Society of Copenhagen
- Danish Society for Clinical Physiology & Nuclear Medicine
- Danish Society for Gastroenterology
- Danish Society for Hepatology
- Danish Society for Magnetic Resonans
- The Society for Theoretical and Applied Therapy  
(Selskabet for Teoretisk og Anvendt Ter-*api*)
- Scandinavian Association for Gastroenterology and Endoscopy
- EANM (European Society of Nuclear Medicine & Molecular Imaging)
- SNM (Society of Nuclear Medicine, US)
- The American Society for Molecular Imaging

### Grants and research funding

Grants and research funding from private and public Danish and international foundations and research councils for 300 mio DKK. Most recent years: In 2007 24.8 mio DKK from The Danish Research Council: High Technology Foundation, together with Prof. Andreas Kjær, and the Dan-ish biotech company TopoTarget. In 2007 received 20.5 mio DKK from The John and Birthe Meyer Foundation for a new HRRT dedicated brain PET scanner. In 2007 from EU FP7 ESFRI research infrastructure program, Molecular imaging Nordic Node, together with Professor Andreas Kjær. In 2011 from The John and Birthe Meyer Foundation 35 mio DKK for an integrated PET/MRI scanner.

The Strategic Research Council, 2012, 12 mio. DKK together with Prof. Andreas Kjær, and grant the Advanced Technology Foundation, Novo Nordisk, 30 mio DKK (2012).

### Research Evaluation – Peer Review Panels

- Member of the peer review panel for the medical program, ESRF,  
The European Syn-crotron Radiation Facility, Grenoble.
- Member of the peer review panel for DKFZ, Deutches Krebs Forschungs  
Zentrum, Heidel-berg
- Member of the peer review panel for Diagnostic Imaging and Radiation  
Therapy, Universi-ty of Zürich
- Evaluator for several Danish and international research foundations and prize committees.
- Professor- and lecture evaluations in Denmark and internationally.
- Chair The Scientific Committee KFJ-Award, The Faculty of Health Sciences,  
University of Copenhagen.
- Professor, Clinical Physiology & Nuclear Medicine, Lunds University, 2011.
- Professor, Clinical Physiology & Nuclear Medicine, Oslo University, 2011.
- Professor, Clinical Physiology & Nuclear medicine, Medical University of Vienna, 2012.
- Center of Excellence, Guy's & St. Thomas Charity, London.

### Master, PhD and Dr.Med.Sci. supervision

- OSVAL II study, Medical Student Peter Hovind 1995, "Abdominal angina" .
- MD Helle Westergren Hendel, "Galdestenspatogenetiske faktorer i relation til kropssammen-sætning og fedtvævs topografi, glukosetolerance og insulinsensitivitet hos adipositas patienter". PhD grade, University of Copenhagen 1997.
- MD Helle Vestergaard, "Galdestenssmerter og galdemotilitet", PhD grade University of Copenhagen 1999.
- Scholarstipend, Medical Student Birgitte Klee, "PET og kliniske undersøgelser af hjernetumorer", 2000.
- MD Erik Feldager Hansen, PhD "Endoskopisk ultralyd", University of Copenhagen 2000.
- MD Annika Eigtved, "18F DHT in PET", PhD University of Copenhagen 2001.
- OSVAL II studie, Medical Student Malene Bjerregaard Fischer. „PET og lungecancer, et litteraturstudie“. Published Lancet Oncology.
- OSVAL I study, Medical Student Camilla Bardram. "PET diagnostic".2005.
- Minna Vibe, Specialist study in human biology. "Ekspression af regulatorer involveret i sukkerstofskeft og angiogenese i småcellet lungecancer in vivo og in vitro" (mark A+ or in Danish 13). Published Neoplasia. PhD University of Copenhagen 2006: "Evaluation and modulation of angiogenesis and tumor physiology".
- MD Lise Borgwardt, "PET with MRI co-registration and image fusion in children with CNS-tumors". PhD University of Copenhagen. 2004.
- Scholar stipend, Medical Student Julie Bjerglund Andersen, „MIBG scintigraphy and SPECT/CT compared to PET/CT for diagnosis, staging and treatment monitoring in children with neuroblastom“, 2007, KU.
- Master Student, Biomedical Engineer Oline Vinter Olesen, "Motion correction in High Resolution PET brain imaging", 2007, DTU + KU.
- MD, PhD Martin Græbe, Identification of the vulnerable arterisclerotic plaque with PET/CT", 2010
- Cand.Scient PhD Student Martin Bech, Niels Bohr Institute, co-supervisor. "Compact Light Source for medical purposes" 2009, NAT KU.
- Cand.Scient PhD Student Torben Hougaard Jensen. "Compact Light Source for medical purposes", 2010, NAT KU.
- Master Students, Biomedical Engineers Benjamin Janjoo and Martin Lyngby Lassen, "Non Invasive quantification of blood flow in the brain", 2010, DTU + KU.
- Master Student, Biomedical Engineer, Jawid Rezaie, "Clinical Potentials and Dosimetric Accuracy of Rotational Stereotactic HybridArc™ Radiotherapy", 2011.
- Master Students, Biomedical Engineers Jonas S.Hermansen & Uffe T.Jørgensen, "Lu-177 treatment of patients with neuroendocrine tumours: Aspects of dosimetry from consecutive gathered patients". 2010, KU.
- Master Student, Biomedical Engineer Bianca Bothmann, "The importance of accurate measurements of radioactivity - actualized by the Fukushima accidentthered patients", 2011, DTU + KU.
- Bachelor Student, Biomedical Engineer, Cecilia Klyver & Joachim Simonsen, "PET/MR phantom studies", 2011-2012, DTU + KU.
- Master Student, Biomedical Engineer Martin Erikshøj, "Structured Light-Based Motion Correction System for MRI/PET brain imaging". 31 May 2012.
- Bachelor Student, Maria Danielsen, "PET/CT til diagnostik af muligt melanom, metaanalyse"2012.
- PhD Oline Vinter Olesen "Markerless 3D Head Tracking for Motion Correction in High Resolution PET Brain Imaging". University of Copenhagen 2011.
- PhD, Biomedical Engineer Christian Hollensen, "Planning and Evaluation of Radio-Therapeutic Treatment of Head- and Neck Cancerusing PET/CT scanning".
- MD, PhD Julie Marie Grüner, "Functional diagnostic imaging for brain tumor characterization", start 2007, KU, together with Dr. Ian Law.
- Master, Biomedical Engineer Student Martin Christian Axelsen. "Calibration of Fast 3D Head Tracking Structured Light System", 2013.
- Master, Biomedical Engineer Student Kristian Frostholm Røeboe. "Calibration of Fast 3D Head Tracking Structured Light System", 2013.
- Master thesis, medical student, Kristian Skikkild Klinkby: Evaluation of  $\alpha\beta3$  expression in human U87MG xenograft under microfractionated radio therapy: is  $\alpha\beta3$  a potential therapeutic target? University of Copenhagen, 2014.
- Bachelor thesis, Louise Krogager og Hannah Lundbak: Attenuation correction of 13-C MR coils for simultaneous hyperpolarized MRSI and PET". University of Copenhagen, 25th of June 2015.
- Bachelor thesis, David Enslev Nyrnberg, "Attenuation correction of head-neck board in PET/MR: Application for radiotherapy". University of Copenhagen, 28th of November 2015.

- MD, PhD Julie Bjerglund Andersen, „MIBG scintigraphy and SPECT/CT compared to PET/CT for diagnosis, staging and treatment monitoring in children with neuroblastom“, start 2007, together with Professor Gorm Greisen. University of Copenhagen, 18th of May 2016.

#### **Present PhD students**

- PhD Student, Biomedical Engineer Jakob Wilm, “Motion Correction in brain PET & MRI”. Together with DTU & Harvard Medical School 2012.
- PhD Student, KU, Computer Scientist, Claes Nøhr Ladefoged, “Improvement of quantitative PET/MRI for better diagnostics in cancer imaging and neurological diseases”, start January 2015.

#### **Research Evaluation – Master, PhD and Dr.Med.Sci. theses**

- PhD Anne Fischer Nielsen, “Oxidative DNA modification in vitro. “Generation and prevention”. University of Copenhagen 1994.
- Dr.Med.Sci. Thesis MD Niels Quist, “Motor activity of the gallbladder and gastrointestinal tract as determinant of enterohepatic circulation Odense University 1995.
- PhD Gina Birgitte Kollerup, “Anvendelse af kollagentværbindingerne: Pyridinolin og Deoxyppy-ridinolin i urinen som biokemiske knogleresorptionsmarkører. En beskrivelse af analysemetoden samt en vurdering af resultaterne fra kliniske undersøgelser”. University of Copenhagen 1996.
- Dr. Phil Anker Brink Lund, opponent ex-auditorio. “Smitsomme sygdomme I dansk journalistik”, RUC 1997.
- PhD Peter Kruse, “Experimental acute pancreatitis models for testing a free radical mechanism”. University of Copenhagen 1997.
- PhD Helle Prieme. “Biomarkers of oxidative DNA damages, lipid peroxidation, and plasma ascorbate: Effect of smoking cessation”. University of Copenhagen 1998.
- PhD Thomas Broe Christensen, “Metode til belysning af hCG-omsætning under behandling af patienter med hCG-producerende cancer testis”. University of Copenhagen 1998.
- Dr.Med.Sci.Thesis MD Daniel Hogan, “Duodenal bicarbonate secretion”. Odense University 1999.
- PhD Ulrik Lassen, “Positron Emission Tomography (PET) of Malignant Tumors”. University of Copenhagen 1998.
- PhD Simon Buus, “C-methionin PET af spytkirtler”. Århus University 2006.
- Dr.Med.Sci. Thesis MD Eigil Rostrup, “The basic physiology of BOLG imaging”. University of Copenhagen 2006.
- PhD MD Annemette Løkkegaard, “Parkinsons disease and Deep Brain Stimulation. Clinical effect and changes in the brain evaluated with SPECT”, 2007.
- PhD MD Signe Normann Risum, “Diagnosis in ovarian cancer – the value of PET/CT and proteomics”, 2008.
- PhD David Erritzoe, “In vivo serotonergic markers in overweight and schizophrenic human subjects”, 2009
- PhD MD Kristoffer Lindskov Hansen, “In-vivo studies of new vector velocity and adaptive spectral estimators in medical ultrasound”, 2009.
- PhD MD Rozy Eckhardt, “Coronary bypass surgery in relation to myocardial perfusion scintigraphy”, University of Southern Denmark 2009.
- Master, Biomedical Engineer Fan Li, “Development of Mathematical compartment model for estimation of hypoxia based on Cu-64 ATSM PET scan”. KU 2009
- Master, Human Biologist Rasmus Poul Bodholt, “Cardiac imaging by PET and CT of a new animal model for myocardial infarctus”. Copenhagen University 2012.
- PhD MD Mads Møller Pedersen, “Quantification of In vivo 2D Vector Flow Ultrasound”. Copenhagen University 2012.
- Master, Human Biologist Karina Juhl. “Tissue factor in cancer and metastases as a target for PET imaging and radionuclide therapy. 2013.
- MD, PhD Michala Reichkender. “Dosis-respons effect of physical exercise on metabolic risk parameters in obese men, 2013.
- MD, PhD Bodil Engelmann, „Colonic cancer 18F-FDG PET/CT and molecular markers for staging, prognosis and relapse“, 2014.

#### **Editorial experience**

- Member of the Editorial Board, European Journal of Nuclear Medicine & Molecular Imaging from 2000-
- Member of the Editorial Board, Molecular Imaging and Radionuclide Therapy 2010-
- Member of the Editorial Board, Turkish Journal of Nuclear Medicine 2007-
- Editor Nuclear Medicine Sund DK.
- Editor for The Oncologist, section editor cancer imaging.

- Assistant editor, Ugeskrift for Læger, (The Danish Medical Journal), 1991-1996.
- Editor-in-chief, Ugeskrift for Læger 1996–2002.
- Editor, Nordisk Medicin, 1996-2002.
- Editor, Bibliotek for læger 1996-2002.
- Member of The Vancouver Group, The Int. Committee of Medical Journal Editors, 1996-02
- Member of The Council of Science Editors (US), EASE, European Ass. of Science Editors 1999-2002.

### **Clinical medical experience**

Danish specialist in Clinical Physiology & Nuclear Medicine. Broad competencies in nuclear medicine, PET and PET/CT. Special focus on pediatric PET and Nuclear Medicine, member of Pediatric Nuclear Medicine Network, the international telemedicine network for second opinion and transnational advice.

### **Previous clinical positions**

Hvidovre Hospital, Medical Gastroenterology

Surgery, Gastroenterology:

Intern and registrar 01.02.82 - 30.09.84

Hvidovre Hospital, Clinical Physiology & Nuclear Medicine

Intern 01.10.84 - 30.09.86

Registrar 01.10.86 - 31.10.88

Bispebjerg Hospital, Clinical Physiology & Nuclear Medicine

Registrar 01.11.88 - 31.01.89

FAC Hillerød, Clinical Physiology & Nuclear Medicine,

Senior Registrar 01.02.89 - 28.02.90

Hvidovre Hospital, Clinical Physiology & Nuclear Medicine

Senior Registrar 01.03.90 - 30.04.91

Rigshospitalet, Clinical Physiology & Nuclear Medicine

Senior Registrar 01.05.91 - 30.06.94

Hvidovre Hospital, Clinical Physiology & Nuclear Medicine

Consultant 01.08.94 - 21.05.98

Rigshospitalet, Dept. of Clinical Physiology & Nuclear Medicine and PET & Cyclotron Unit, KF 4011, Rigshospitalet.

Consultant 01.06.98 – 28.02.00

Rigshospitalet, Dept. of Clinical Physiology & Nuclear Medicine and PET & Cyclotron Unit, KF 4011, Rigshospitalet.

Head of Department, Klinikchef From 01.03.2000

## **Education and Teaching**

### **Pregraduate**

- Censor in medical chemistry for medical students and dentistry students, University of Copenhagen 1991-2001.
- Clinical external lecturer, University of Copenhagen, Clinical Physiology & Nuclear Medicine 1984-87 and 1992-94.
- Censor, Faculty of Pharma from 1995-2002.
- Course Medical pedagogy for doctors, University of Copenhagen 1992.
- Lectures, Medical Chemistry, University of Copenhagen 1989-1999.
- Lectures, Human Pathophysiology for master students in Human Biology, University of Copenhagen 1995-2000.
- Clinical professor in medical technology, University of Copenhagen, Faculty of Health Sciences, from 2006.
- Adjunct professor in advanced imaging DTU, Technical University of Denmark, from 2009.
- Bestyrelsesakademiet 2014.

### **Biomedical engineering**

University of Copenhagen, The Faculty of Health Sciences, coordinator for the new bachelor and master education in biomedical engineering called "Civilingeniør i medicin & teknologi", established 2002 in collaboration with DTU.

- Member of "Studieudvalget"; the Board of the education.
- Planner of curriculum, contact to Ministry of Research, PR plan etc.
- Member of The Contact Panel for Private-Public partnership for the education with medical industry representatives with establishment of sponsorships and bachelor & master positions with Radiometer, Novo, Coloplast etc.
- Chair of The Contact Panel for Hospital and Education Relations.
- Leader of course, 5 ECTS points, bachelor education, "Clinical practice in hospitals" with written essay examination.
- Leader of course, 10 ECTS points, master education, "Isotopes in medical practice" with written essay examination.
- Tutor for students.
- Participate in students' introductory course.
- Lectures in nuclear medicine, imaging, isotopes art, bachelor and master level.
- Supervisor for bachelor and master projects.

### **Postgraduate medical education**

Member of the Course Council, Danish Society for Clinical Physiology & Nuclear Medicine 1985-1996. Course leader in hepatologi og gastroenterologi. Member Course Council, Danish Society of Gastroenterology 1989-1995. Member of and secretary for the Postgraduate Medical Education Board, Danish Society for Clinical Physiology & Nuclear Medicine 1989-1995. Course leader for the Danish Specialist education in Clinical Physiology & Nuclear Medicine 1994-1996. Responsible for the specialist education 1994-1998, Hvidovre Hospital. Member of "The National Council for Specialist Education" in Denmark 2000-2006. Member of the Council for Specialist Education (Målbekræftelsesudvalget) The Danish National Board of Health, 2000-2006. "International Diagnostic Course in Davos" The University of Zürich, Professor Gustav von Schulthess.

## **Publications**

### **Thesis**

Dr.Med.Sc. University of Copenhagen: Højgaard L. Gastric potential difference measurements. Scandinavian Journal of Gastroenterology 1991;26:184. August 1991.

### **Original papers**

#### **1980**

Højgaard L, Balsløv S, Krag E. Havrekliids indvirkning på den intestinale transitid hos raske forsøgspersoner. Ugeskr Læger 1980;142:2625-6.

#### **1981**

Højgaard L, Arffmann S, Jørgensen M, Krag E. Tea consumption: A Cause of constipation? BMJ 1981;282:864.

Højgaard L, Arffmann S, Jørgensen M, Krag E. Tedrikkersyndromet. Ugeskr Læger 1981;143:2893-5.

Lauritzen JB, Højgaard L, Nielsen PE, Christiansen I. Rygevaner blandt danske læger. Ugeskr Læger 1981;143:2392-5.

#### **1982**

Højgaard L, Henriksen H, Lauritzen JB, Loft A. Superficial eosinophilic squamous epithelial cells in vagina/cervical smears from postmenopausal women. Acta Obstet Gynecol Scand 1982;61:429-31.

#### **1983**

Arffmann S, Højgaard L, Giese B, Krag E. Effect of oat bran on lithogenic index of bile acid metabolism. Digestion 1983;28:197-200.

Lauritzen JB, Højgaard L, Nielsen PE, Christiansen I. Scintigraphic measurements of gastric emptying corrected for differences in tissue attenuation. Nucl Med Comm 1983;4:335-41.

#### **1985**

Jacobsen O, Højgaard L, Hylander Møller E, Wielandt TO, Thale M, Jarnum S, Krag E. Effect of enterocoated cholestyramine on bowel habit after ileal resection: a double blind crossover study. BMJ 1985;290:1315-8.

Lauritzen JB, Højgaard L, Uhrenholdt A, Moesgaard F. The dynamic effect of chewing gum on gastric acid secretion. Nucl Med Comm 1985;6:220-33.

#### **1987**

Højgaard L, Andersen JR, Krag E. A new method for measurement of the electrical potential difference across the stomach wall. Clinical evaluation of the gastric mucosal integrity. Scand J Gastroenterol 1987;22:847-58. Parallel publikation, Kinesisk tidsskrift, 1987:1-41.

Højgaard L, Krag E. Chronic ischaemic gastritis reversed after revascularization operation. Gastroenterology

1987;92:226-8.

Svendsen LB, Søndergaard J, Hegnhøj J, Højgaard L, Lauritsen K, Bülow S, Horn T, Danes BS. In vitro tetraploidy in patients with ulcerative colitis. *Scand J Gastroenterol* 1987;22:601-5.

### 1988

Andersen JR, Bukhave K, Højgaard L, Rasmussen HS, Hermansén N, Worning H, Krag E. De-composition of wheat bran and ispagula husk in the stomach and the small intestine of healthy men. *J Nutr* 1988;188:326-31.

Højgaard L, Ewald H, Holm IE, Bünger C, Krag E, Bülow JB. The effect of i.v. indometacin on the gastric mucosal electrical potential difference and blood flow in anaesthetized dogs. *Clin Physiol* 1988;8:433-42.

Højgaard L, Bülow JB, Madsen J, Christensen NJ. Gastric mucosal electrical potential difference and blood flow during high FFA/albumin ratios in anaesthetized Göttingen minipigs. *Acta Phys Scand* 1988;134:305-10.

Mogensen T, Højgaard L, Scott NB, Henriksen JH, Kehlet H. Epidural blood flow and regression of sensory analgesia during continuous postoperative epidural infusion of bupivacaine. *Anesth Analg* 1988;67:809-13.

### 1989

Højgaard L, Bendtsen F. Gastric potential difference and pH in ulcer patients and normal volunteers during Stroop's colour word conflict test. *Gut* 1989;30:782-5.

Jess P, von der Lieth L, Matzen P, Madsen P, Krag E, Knigge U, Højgaard L, Dejgård A, Christensen PM, Bonnevie O. The personality pattern of duodenal ulcer patients in relation to spontaneous ulcer healing and relapse. *J Int Med* 1989;226:395-400.

### 1990

Bülow J, Madsen J, Højgaard L. Reversibility of the effects on local circulation of high lipid concentrations in blood. *Scand J Clin Lab Invest* 1990;50:291-6.

Højgaard L, Bülow JB, Madsen J. Gastric mucosal electrical potential difference, pH, blood flow and morphology during hypoxia and selective gastric ischemia with and without allopurinol pre-treatment in anaesthetized dogs. *Acta Phys Scand* 1990;139:185-192.

Lundvall L, Højgaard L, Højgaard K, Lundvall F. Diagnostic value of an abnormal smear in non-pregnant women. *Acta Obstet Gynecol* 1990;69:147-51.

Rosenkilde-Gram B, Højgaard L, Kraglund K, Rune SJ. Identification of the pylorus from the intraluminal pH profile: Validation of the method by comparing it with transpyloric potential difference and pressure profile. *Scand J Gastroenterol* 1990;25:1181-4.

Torp-Pedersen S, Vyberg M, Smith E, Højgaard L, Hansen U, Stødeager C, Schlichting P, Juul N, Gluud C. Surecut 0.6 mm liver biopsy in the diagnosis of cirrhosis. *Liver* 1990;10:217-20.

### 1991

Brøns JH, Damgaard B, Rasmussen SG, Juul N, Højgaard L, Kehlet H, Krag E, Matzen P, Stage JG, Stage P et al. Extracorporeal shockwave crushing of gallstones. Preliminary report. *Ugeskr Læger* 1991;153:332-5.

Fabrin B, Højgaard L, Mouridsen HT. Changes in the gastric potential difference during chemotherapy in patients with metastatic breast cancer. *Acta Oncol Scand* 1991;30:807-10.

Fabrin B, Højgaard L, Johansen A, Olesen P, Madsen J, Mouridsen HT. Electrical potential difference across the stomach wall and gastric morphology in anaesthetized pigs after intravenous administration of cytotoxic drugs. *Acta Oncol Scand* 1991;30:803-6.

### 1992

Jørgensen F, Hesse B, Tromholt N, Højgaard L, Stubgaard M. Oesophageal scintigraphy: Reproducibility and normal ranges. *J Nucl Medicine* 1992;33:2106-9.

Rubinstein E, Gjørup I, Schulze S, Jonsson T, Højgaard L. Development of stress ulcers assessed by gastric electrical potential difference, pH of gastric juice, and endoscopy in patients in the intensive care unit. *Eur J Surg* 1992;158:361-4.

Tønnesen H, Petersen KR, Højgaard L, Stockholm KH, Nielsen HJ, Knigge U, Kehlet H. Postoperative morbidity among symptom-free alcohol misusers. *Lancet* 1992;340:334-7.

### 1993

Bak Andersen I, Monrad H, Grønvald S, Højgaard L. In vitro and in vivo accuracy of sonographic gallbladder volume



determinations. *J Clin Ultrasound* 1993;21:157-62.

Rubinstein E, Højgaard L. The effect of i.v. omeprazole on the gastric and duodenal potential difference and pH in healthy subjects. *Digestion* 1993;54:15-8.

#### 1994

Bak Andersen I, Monrad H, Grønvald S, Højgaard L. In vitro and in vivo accuracy of sonographic gallbladder volume determinations. *Ugeskr Læger* 1994;156:287-90.

Monrad H, Grønvald S, Højgaard L. Oral cholecystography compared to cholescintigraphy for evaluation of cystic duct patency prior to ESWL treatment. *Nucl Med Comm* 1994;15:47-9.

Sørensen TIA, Toftdahl DB, Højgaard L, Cantor P, Klein HC, Andersen B. Plasma cholecystokin-in in obese patients before and after jejunoileal bypass with 3:1 or 1:3 jejunoileal ratio – no role in the increased risk of gallstone formation. *Dan Med Bull* 1994;41:469-72.

#### 1995

Borly L, Stage JG, Grønvald S, Højgaard L. Cholescintigraphy in patients with acute cholecystitis before and after percutaneous gallbladder drainage. *Eur J Gastroenterology & Hepatology* 1995;11:1093-7.

Rosenfalck AM, Almdal T, Gotfredsen A, Højgaard L, Hilsted J. Validity of dual X-ray absorptio-metry scanning for determination of body composition in IDDM patients. *Scand J Clin Lab Invest* 1995;55:691-9.

#### 1996

Borly L, Højgaard L, Grønvald S, Stage JG. Human gallbladder pressure and volume: validation of a new direct method for measurements of gallbladder pressure in patients with acute cholecystitis. *Clin Phys* 1996;16:145-56.

Hendel HW, Gotfredsen A, Højgaard L, Andersen T, Hilsted J. Body composition during weight loss in obese patients estimated by dual energy X-ray absorptiometry and by total body potassium. *Int J Obesity*, 1996;20:1111-9.

Hendel HW, Gotfredsen A, Højgaard L, Andersen T, Hilsted J. Change in fat-free mass assessed by bioelectrical impedance, total body potassium and dual energy X-ray absorptiometry during prolonged weight loss. *Sc J Clin Lab Invest* 1996;56:671-9.

Højgaard L, Schulze S, Kristensen BR, Borgwardt A, Faarvang KL, Juhl E, Krag E, Leth K, Nielsen JM. Ugeskrift's 1995 survey of readers. A questionnaire study of random population of readers of Ugeskrift. *Ugeskr Læger* 1996;158:29-33.

Matzen P, Højgaard L, Krag E, Boesby S et al. Bile acid therapy versus placebo before and after extra- corporal shock wave lithotripsy of gallbladder stones. The East-Danish Gallstone Study Group. *Aliment Pharmacol Ther* 1996;10:651-7.

Riber C, Højgaard L, Madsen IL, Rehfeld JF, Olsen O. Gallbladder emptying and cholecystokinin response to fish oil and trioleate ingestion. *Digestion* 1996;57:161-4.

Toftdahl DB, Højgaard L, Winkler K. Dynamic cholescintigraphy: Induction and description of gallbladder emptying. *J Nucl Med* 1996;37:261-6.

#### 1997

Mortensen P, Pedersen T, Nielsen N, Ringsted CV, Jacobsen IA, Lidgaard O, Walter S, Højgaard L. Continuing medical education via questionnaire studies. Three pilot projects for anesthesiology, cardiology and neurology. *Ugeskr Læger* 1997;159:3140-5.

#### 1998

Hendel HW, Højgaard L, Andersen T, Pedersen BH, Paloheimo LI, Rehfeld JF, Gotfredsen A, Rasmussen MH. Fasting gallbladder volume and lithogenicity in relation to glucose tolerance, total and intra abdominal fat masses in obese non-diabetic subjects. *Int J Obesity* 1998;22:294-302.

Middelfart HV, Højgaard L, Funch-Jensen P. Pain patterns after distension of the gallbladder in patients with acute cholecystitis. *Scand J Gastroenterol* 1998;33:982-7.

Middelfart HV, Kristensen JU, Laursen CN, Qvist N, Højgaard L, Funch-Jensen P, Kehlet H. Pain and dyspepsia after elective and acute cholecystectomy. *Scand J Gastroenterol* 1998;33:10-4.

#### 1999

Borly L, Bak Andersen I, Bardram L, Christensen E, Sehested A, Kehlet H, Matzen P, Rehfeld JF, Stage P, Toftdahl DB, Gernow A, Højgaard L. Preoperative prediction model of outcome after cholecystectomy for symptomatic gallstones. *Scand J Gastroenterol* 1999;34:1144-52.

Hansen EF, Strandberg C, Bendtsen F, Højgaard L, Madsen J, Henriksen JH, Schroeder TV, Ras-mussen A, Becker U. Endoscopic ultrasound duplex scanning for measurement of portal venous flow. *Scan J Gastroenterol* 1999;34:325-30.

Hansen EF, Strandberg C, Højgaard L, Madsen J, Henriksen JH, Schroeder TV, Becker U, Bendtsen F. Splanchnic haemodynamics after intravenous Terlipressin in anaesthetized healthy pigs. *J Hepatol* 1999;30:503-10.

Madácsy L, Toftdahl DB, Middelfart HV, Højgaard L, Funch-Jensen P. Comparison of the dynamics of bile emptying by quantitative hepatobiliary scintigraphy before and after cholecystectomy in patients with uncomplicated gallstone disease. *Clin Nucl Med* 1999;24:649-54.

## 2000

Cai Y, Holm S, Jenstrup M, Strømstad M, Eigtved A, Warberg J, Højgaard L, Friberg L, Secher NH. Electrical admittance for filling of the heart during lower body negativ pressure in humans. *J Appl Physiol* 2000;89:1569-76.

Eigtved A, Andersson AP, Dahlstrøm K, Rabøl A, Jensen M, Holm S, Sølvsten Sørensen S, Drzewiecki KT, Højgaard L, Friberg L. Use of fluorine-18 fluorodeoxyglucose positron emission tomography in the detection of silent metastases from malignant melanoma. *Eur J Nucl* 2000;27:70-5.

Madácsy L, Middelfart HV, Matzen P, Højgaard L, Funch-Jensen P. Quantitative hepatobiliary scintigraphy and endoscopic sphincter of Oddi manometry in patients with suspected sphincter of Oddi dysfunction: assessment of flow-pressure relationship in the biliary tract. *Eur J Gastroenterol* 2000;12:777-86.

## 2001

Sørensen MB, Rosenfalck AM, Højgaard L, Ottesen B. Obesity and sarcopenia after menopause are reversed by sexhormone replacement therapy. *Obes Res* 2001;9:622-6.

Sørensen MB, Fritz-Hansen T, Jensen HH, Pedersen AT, Højgaard L, Ottesen B. Temporal changes in cardiac function and cerebral blood flow during sequential post menopausal hormone replacement. *Am J Obs Gyn* 2001;184:41-7.

## 2002

Borgwardt L, Carstensen H, Schmiegelow K, Højgaard L. Increased FDG uptake in childhood CNS tumors is associated with malignancy. *Clin Positron Imaging* 2002;3:175.

Christensen M, Hendel HW, Rasmussen V, Højgaard L, Schulze S, Rosenberg J. Endoscopic retrograde cholangiopancreatography causes reduced myocardial blood flow. *Endoscopy* 2002;34:797-800.

Klee B, Law I, Højgaard L, Kosteljanetz M. Detection of unknown primary tumours in patients with cerebral metastases using whole-body 18F-fluorodeoxyglucose positron emission tomography. *Eur J Neurol* 2002;9(16):657-62.

## 2003

Lassen U, Daugaard G, Eigtved A, Højgaard L, Damgaard K, Rørth M. Whole-body FDG-PET in patients with stage I non-seminomatous germ cell tumours. *Eur J Nucl Med* 2003;30(3):396-402.

## 2004

Fischer BM, Mortensen J, Dirksen A, Eigtved A, Højgaard L. Positron emission tomography of incidentally detected small pulmonary nodules. *Nucl Med Com* 2004;25:3-9.

Grinder-Pedersen L, Bukhave K, Jensen M, Højgaard L, Hansen M. Calcium from milk or calcium fortified foods does not inhibit nonheme-iron absorption from a whole diet consumed over a 4-day period. *Am J Clin Nutr* 2004;80:404-9.

Kjaer A, Lebech AM, Eigtved A, Højgaard L. Fever of unknown origin: prospective comparison of diagnostic value of 18F-FDG PET and 111In-granulocyte scintigraphy. *Eur J Nucl Med Mol Imaging* 2004;31:622-6.

## 2005

Berthelsen AK, Holm S, Loft A, Klausen TL, Andersen F, Højgaard L. PET/CT with intravenous contrast can be used for PET attenuation correction in cancer patients. *Eur J Nucl Med Mol Imaging* 2005;32:1167-75.

Borgwardt L, Højgaard L, Carstensen H, Laursen H, Nowak M, Thomsen C, Schmiegelow K. Increased fluorine-18 2-fluoro-2-deoxy-D-glucose (FDG) uptake in childhood CNS tumors is correlated with malignancy grade: a study with FDG positron emission tomography/magnetic resonance imaging coregistration and image fusion. *J Clin Oncol* 2005;23:3030-7.

Gutte H, Højgaard L, Kjaer A. Early clinical experience and impact of 18F-FDG PET. *Nucl Med Com* 2005;26:989-94.

Gutte H, Højgaard L. Generalized decreased osseous uptake on bone scintigraphy in hepato-renal syndrome. *Clin Nucl Med* 2005;30:834.

Tetens I, Larsen TM, Kristensen MB, Hels O, Jensen M, Morberg CM, Thomsen AD, Højgaard L, Henriksen M. The importance of dietary composition for efficacy of iron absorption measured in a whole diet that includes rye bread fortified with ferrous fumarate: a radioisotope study in young women. *Br J Nutr* 2005;94:720-6.

## 2006

Andersen ÅB, Law I, Ostrowski SR, Lebech AM, Høyer-Hansen G, Højgaard L, Gerstoft J, Ullum H, Kjaer A. Self-reported fatigue common among optimally treated HIV patients: no correlation with cerebral FDG-PET scanning abnormalities. *Neuroimmunomodulation* 2006;13:69-75.

Fischer BM, Olsen MWB, Ley CD, Klausen TL, Mortensen J, Højgaard L, Kristjansen PEG. How few cancer cells can be detected by positron emission tomography? A frequent question addressed by an in vitro study. *Eur J Nucl Med Mol Imaging* 2006;33:697-702.

## 2007

Bering S, Sjøltov L, Wrisberg SS, Berggren A, Alenfall J, Jensen M, Højgaard L, Tetens I, Bukhave K. Viable, lyophilized lactobacilli do not increase iron absorption from a lactic acid-fermented meal in healthy young woman, and no iron absorption occurs in the distal intestine. *Br J Nutr* 2007;98:991-97.

Loft A, Berthelsen AK, Roed H, Ottosen C, Lundvall L, Knudsen J, Nedergaard L, Højgaard L, Engelholm SA. The diagnostic value of PET/CT scanning in patients with cervical cancer: A pro-spective study. *Gynecol Oncol* 2007;106:29-34.

## 2008

Stauss J, Franzius C, Pfluger T, Juergens KU, Biassoni L, Begent J, Kluge R, Amthauer H, Voelker T, Højgaard L, Barrington S, Hain S, Lynch T, Hahn K. Guidelines for 18F-FDG PET and PET-CT imaging in paediatric oncology. *Eur J Nucl Med Mol Imaging* 2008;35:1581-8.

## 2009

Fischer B, Lassen U, Mortensen J, Larsen S, Loft A, Bertelsen A, Ravn J, Clementsen P, Høgholm A, Larsen K, Rasmussen T, Keiding S, Dirksen A, Gerke O, Skov B, Steffensen I, Hansen H, Vil-mann P, Jacobsen G, Backer V, Maltbæk N, Pedersen J, Madsen H, Nielsen H, Højgaard L. Pre-operative staging of Lung Cancer with combined PET/CT. *New Engl J Med* 2009;361:32-9.

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 Surg* 2009;37:714-21.

Larsen SS, Vilmann P, Krasnik M, Dirksen A, Clementsen P, Skov BG, Jacobsen GK, Lassen U, Eigtved A, Berthelsen AK, Mortensen J, Højgaard L. A comparison of endoscopic ultrasound guided biopsy and positron emission tomography with integrated computed tomography in lung cancer staging. *Current Health Sciences Journal* 2009;Vol. 35; No 1:5-12.

Olesen OV, Sibomana M, Keller SH, Andersen F, Jensen J, Holm S, Svarer C, Højgaard L. Spatial Resolution of the HRRT PET Scanner using 3D-OSEM PSF Reconstruction. *IEEE Nuclear Science Symposium Conference Record* 2009.

Sibomana M, Keller SH, Svarer C, Olesen OV, Andersen F, Holm S, Højgaard L. New Attenuation Correction for the HRRT using transmission scatter correction and Total Variation Regularization. *IEEE Nuclear Science Symposium Conference Record* 2009.

## 2010

Andersen AB, Law I, Krabbe KS, Bruunsgaard H, Ostrowski SR, Ullum H, Højgaard L, Lebech A, Gerstoft J, Kjaer A. Cerebral FDG-PET scanning abnormalities in optimally treated patients. *J Neuroinflammation* 2010 Feb 14;7:13.

Barrington SF, Qian W, Somer EJ, Franceschetto A, Bagni B, Brun E, Almquist H, Loft A, Højgaard L, Federico M, Gallamini A, Smith P, Johnson P, Radford J, O'Doherty MJ. Concordance between four European centres of PET reporting criteria designed for use in multicentre trials in Hodgkin lymphoma. *Eur J Nucl Med Mol Imaging* 2010 Oct;37(10):1824-33.

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, 123I-MIBG scintigraphy and 18F-FDG PET. *J Nucl Med* 2010 May;51(5):704-12.

Dejanovic D, Widding Hoeyer A, Mortensen J, Højgaard L. Symmetrical nail bed uptake on a (99m)Tc-HDP bone scan in a patient with Wegener's granulomatosis. *Eur J Nucl Med Mol Imaging* 2010 Feb;37(2):410.

Græbe M, Borgwardt L, Højgaard L, Sillesen H, Kjaer A. When to image carotid plaque inflammation with FDG PET/CT. *Nucl Med Commun* 2010 Sep;31(9):773-9.

Græbe M, Pedersen SF, Højgaard L, Kjaer A, Sillesen H. 18FDG PET and ultrasound echolucency in carotid artery plaques. *JACC Cardiovasc imaging* 2010 Mar;3(3):289-95.

Jensen MM, Erichsen KD, Björkling F, Madsen J, Jensen PB, Højgaard L, Sehested M, Kjaer A. Ear-ly detection of response to experimental chemotherapeutic Top216 with [18F]FLT and 18F]FDG PET in human ovary cancer xenografts in mice. *PLoS One* 2010 Sep 24;5(9):e12965.

Olesen OV, Jørgensen MR, Paulsen RR, Højgaard L, Roed B, Larsen R. Structured light 3D track-ing system for measuring motions in PET brain imaging. *Proc. SPIE Medical Imaging* 2010;7625:76250X.

Olesen OV, Keller SH, Sibomana M, Larsen R, Roed B, Højgaard L. Automatic Thresholding for Frame-Repositioning Using External Tracking in PET Brain Imaging. *IEEE Nuclear Science Sym-posium Conference Record (MIC), IEEE, 2010.*

Olesen OV, Paulsen RR, Højgaard L, Roed B, Larsen R. Motion tracking in narrow spaces. A structured light approach. *Medical Image Computing and Computer-Assisted Intervention – MICCAI 2010, ser. Lecture Notes in Computer Science, T. Jiang, N. Navab, J.P. Pluium and M.A. Viergever Eds., vol. 6363. Springer 2010, 253-260.*

Olesen OV, Svarer C, Sibomana M, Keller S, Holm S, Jensen J, Andersen F, Højgaard L. A Mova-ble Phantom Design for Quantitative Evaluation of Motion Correction Studies on High Resolution PET Scanners. *Nuclear Science, IEEE Transactions* 2010, vol. 57, nr. 3, 1116-1124.

Pedersen SF, Graebe M, Fisker Hag AM, Højgaard L, Sillesen H, Kjaer A. Gene expression and 18FDG uptake in atherosclerotic carotid plaques. *Nucl Med Commun* 2010 May;31(5):423-9.

Schroter S, Groves T, Højgaard L. Surveys of current status in biomedical science grant review: funding organisations' and grant reviewers' perspectives. *BMC Med* 2010 Oct 20;8:62.

## 2011

Andersen JB, Mortensen J, Bech BH, Højgaard L, Borgwardt L. First experiences from Copenha-gen with paediatric single photon emission computed tomography/computed tomography. *Nucl Med Commun* 2011 May;32(5):356-62.

Fischer BM, Mortensen J, Hansen H, Vilmann P, Larsen SS, Loft A, Berthelsen AK, Ravn J, Clem-entsen P, Høegholm A, Larsen KR, Dirksen A, Skov BG, Krasnik M, Højgaard L, Lassen U. Mul-timodality approach to mediastinal staging in non-small cell lung cancer. Faults and benefits of PET-CT: a randomised trial. *Thorax* 2011 Apr;66(4):294-300.

Græbe M, Sillesen H, Kjaer A, Højgaard L. Carotid plaque imaging with FDG-PET and ultra-sound. *Imaging Med* 2011; 3: 17-30.

Grüner JM, Paamand R, Højgaard L, Law I. Brain perfusion CT compared with 15O-H<sub>2</sub>O-PET in healthy subjects, *EJNMMI Res* 2011 Nov 18;1(1):28

Kjer M, Olesen OV, Paulsen RR, Højgaard L, Roed B, Larsen R. Geometric calibration between PET scanner and structured light scanner. *Proc. of the MICCAI workshop on Mesh Processing in Medical Image Analysis* 2011.

Olesen OV, Paulsen RR, Jensen RR, Keller SH, Sibomana M, Højgaard L, Roed B, Larsen R. 3D Surface Realignment Tracking for Medical Imaging: A Phantom Study with PET Motion Cor-rection. *Proc. of the MICCAI workshop on Mesh Processing in Medical Image Analysis* 2011.

Olesen OV, Paulsen RR, Keller SH, Højgaard L, Roed B, Larsen R. Comparison of external motion tracking systems for PET list-mode reconstruction. *IEEE Nuclear Science Symposium Conference Record* 2011.

Søgaard R, Fischer BM, Mortensen J, Højgaard L, Lassen U. Preoperative staging of lung cancer with PET-CT: Cost-effectiveness evaluation alongside a randomised controlled trial. *Eur J Nucl Med Mol Imaging* 2011 May;38(5):802-9

## 2012

Frederiksen KS, Hasselbach SG, Hejl AM, Law I, Højgaard L, Waldemar G. Added Diagnostic Value of 11C-PIB PET in Memory Clinic Patients with Uncertain Diagnosis. *Dement Geriatr Cogn Dis Extra* 2012 Jan;2(1):610-21.

Grüner JM, Paamand R, Kosteljanetz M, Broholm H, Højgaard L, Law I. Brain perfusion CT com-pared with (15)O-H (2)O PET in patients with primary brain tumours. *Eur J Nucl Med Mol Imag-ing* 2012 Nov;39(11):1691-701.

Keller SH, Sibomana M, Olesen OV, Svarer C, Holm S, Andersen FL, Højgaard L. Methods for motion correction evaluation using 18FFDG human brain scans on a high-resolution PET scanner. *J Nucl Med* 2012 Mar;53(3):495-504.

Munk Jensen M, Erichsen KD, Björkling F, Madsen J, Jensen PB, Sehested M, Højgaard L, Kjær A. [18F]FLT PET for

non-invasive assessment of tumor sensitivity to chemotherapy: studies with ex-perimental chemotherapy TP202377 in human cancer xenografts in mice. *PLoS One* 2012;7(11):e50618.

Olesen OV, Paulsen RR, Højgaard L, Roed B, Larsen R. Motion tracking for medical imaging: a nonvisible structured light tracking approach. *IEEE Trans Med Imaging* 2012 Jan;31(1):79-87.

Pedersen SF, Graebe M, Hag AM, Højgaard L, Sillesen H, Kjaer A. Microvessel density but not neoangiogenesis is associated with 18F-FDG uptake in human atherosclerotic carotid plaques. *Mol Imaging Biol* 2012 Jun;14(3):384-92.

Pfeifer A, Knigge U, Mortensen J, Oturai P, Berthelsen AK, Loft A, Binderup T, Rasmussen P, El-ema 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 Aug;53(8):1207-15.

## 2013

Jensen MM, Erichsen KD, Björklind F, Madsen J, Jensen PB, Sehested M, Højgaard L, Kjær A. Im-aging of treatment response to the combination of carboplatin and paclitaxel in human ovarian cancer xenograft tumors in mice using FDG and FLT PET. *PLoS One* 2013 Dec 26;8(12):e85126.

Jensen MM, Erichsen KD, Johnbeck CB, Björklind F, Madsen J, Bzorek M, Jensen PB, Højgaard L, Sehested M, Kjær A. [18F]FLT and [18F]FDG PET for non-invasive treatment monitoring of the nicotinamide phosphoribosyltransferase inhibitor APO866 in human xenografts. *PLoS One* 2013;8(1):e53410.

Jensen MM, Erichsen KD, Johnbeck CB, Björklind F, Madsen J, Jensen PB, Sehested M, Højgaard L, Kjær A. [18F]FDG and [18F]FLT positron emission tomography imaging following treatment with belinostat in human ovary cancer xenografts in mice. *BMC Cancer* 2013 Apr 1;13:168.

Jensen TH, Bech M, Binderup T, Böttiger A, David C, Weitkamp T, Zanette I, Reznikova E, Mohr J, Rank F, Feidenhans'l R, Kjær A, Højgaard L, Pfeiffer F. Imaging of metastatic lymph nodes by X-ray phase-contrast micro-tomography. *PLoS One* 2013;8(1):e54047.

Kjær A, Loft A, Law I, Berthelsen AK, Borgwardt L, Löfgren J, Johnbeck CB, Hansen AE, Keller S, Holm S, Højgaard L. PET/MRI in cancer patients: first experiences and vision from Copenhagen. *MAGMA* 2013 Feb;26(1):37-47.

Ladefoged CN, Andersen FL, Keller SH, Löfgren J, Hansen AE, Holm S, Højgaard L, Beyer T. PET/MR imaging of the pelvis in the presence of endoprostheses: reducing image artifacts and increasing accuracy through inpainting. *Eur J Nucl Med Mol Imaging* 2013 Apr;40(4):594-601.

Møller E, Bakke M, Dalager T, Werdelin LM, Lonsdale MN, Højgaard L, Friberg L. Somatosensory input and oromandibular dystonia. *Clin Neurol Neurosurg* 2013 Jul;115(7):1141-3.

Munk Jensen M, Erichsen KD, Björklind F, Madsen J, Jensen PB, Sehested M, Højgaard L, Kjær A. Imaging of Treatment Response to the Combination of Carboplatin and Paclitaxel in Human Ovarian Cancer Xenograft Tumors in Mice Using FDG and FLT PET. *PLoS One* 2013 Dec 26;8(12):e85126.

Olesen OV, Sullivan JM, Mulnix T, Paulsen RR, Højgaard L, Roed B, Carson RE, Morris ED, Larsen R. List-mode PET motion correction using markerless head tracking: proof-of-concept with scans of human subject. *IEEE Trans Med Imaging* 2013 Feb;32(2):200-9.

Pedersen SF, Græbe M, Hag AM, Højgaard L, Sillesen H, Kjær A. (18)F-FDG imaging of human atherosclerotic carotid plaques reflects gene expression of the key hypoxia marker HIF-1 $\alpha$ . *Am J Nucl Med Mol Imaging* 2013 Sep 19;3(5):384-92.

Reichkandler MH, Auerbach P, Rosenkilde M, Christensen AN, Holm S, Petersen MB, Lagerberg A, Larsson HB, Rostrup E, Mosbech TH, Sjödin A, Kjaer A, Ploug T, Højgaard L, Stallknecht B. Exercise training favors increased insulin-stimulated glucose uptake in skeletal muscle in contrast to adipose tissue: a randomized study using FDG PET imaging. *Am J Physiol Endocrinol Metab* 2013 Aug 15;305(4):E496-506.

Ripa RS, Knudsen A, Hag AM, Lebech AM, Loft A, Keller SH, Hansen AE, von Benzon E, Højgaard L, Kjær A. Feasibility of simultaneous PET/MR of the carotid artery: first clinical experience and comparison to PET/CT. *Am J Nucl Med Mol Imaging* 2013 Jul 10;3(4):361-71.

## 2014

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;84:206-16.

Christensen AN, Reichkandler MH, Larsen R, Auerbach P, Højgaard L, Nielsen HB, Ploug T, Stallknecht B, Holm S.

Calibrated image-derived input functions for the determination of the metabolic uptake rate of glucose with 18F-FDG PET. *Nucl Med Commun* 2014 Apr;35(4):353-61.

Engelmann BE, Loft A, Kjær A, Nielsen HJ, Berthelsen AK, Binderup T, Brinch K, Brünner N, Gerds TA, Høyer-Hansen G, Kristensen MH, Kurt EY, Latocha JE, Lindblom G, Sloth C, Højgaard L. Positron emission tomography/computed tomography for optimized colon cancer staging and follow up. *Scand J Gastroenterol* 2014 Feb;49(2):191-201.

Engelmann BE, Loft A, Kjær A, Nielsen HJ, Gerds TA, Beonzon EV, Brünner N, Christensen IJ, Hansson SH, Holländer NH, Kristensen MH, Löfgren J, Markova E, Sloth C, Højgaard L. Positron Emission tomography/computed tomography and biomarkers for early treatment response evaluation in metastatic colon cancer. *The Oncologist* 2014 Feb;19(2):164-72.

Fischer BM, Lassen U, Højgaard L. PET/CT in preoperative staging of lung cancer. *N Engl J Med* Mar 2011;364(10):980-1. Comment on paper 2009.

Gutte H, Hansen AE, Henriksen ST, Johannesen HH, Ardenkjaer-Larsen J, Vignaud A, Hansen AE, Børresen B, Klausen TL, Wittekind AM, Gillings N, Kristensen AT, Clemmensen A, Højgaard L, Kjær A. Simultaneous hyperpolarized 13C-pyruvate MRI and 18F-FDG PET in cancer (hyper-PET): feasibility of a new imaging concept using a clinical PET/MRI scanner. *AM J Nucl Med Mol Imaging* 2014 Dec;15;5(1):38-45.

Pedersen SF, Ludvigsen TP, Johannesen HH, Löfgren J, Ripa RS, Hansen AE, Ettrup AJ, Christoffersen BØ, Pedersen HD, Olsen LH, Højgaard L, Kjær A. Feasibility of simultaneous PET/MR in diet-induced atherosclerotic minipig: a pilot study for translational imaging. *AM J Nucl Med Mol Imaging* 2014 Aug;15;4(5):448-58.

Reichkandler MH, Rosenkilde M, Auerbach PL, Agerschou J, Nielsen MB, Kjaer A, Højgaard L, Sjödin A, Ploug T, Stallknecht B. Only minor additional metabolic health benefits of high as opposed to moderate dose physical exercise in young, moderately overweight men. *Obesity (Silver Spring)* 2014 May;22(5):1220-32.

Hansen AE, Rasmussen J, Johannesen HH, Engberg AM, Andersen FL, Specht L, Kjaer A, Højgaard L, Beyer T, Fischer BM. Geometric distortions of diffusion weighted imaging of the head/neck in combined PET/MR: optimization of image acquisition and post-processing correction for oncology Applications. *EJNMMI Phys* 2014 Jul;1(Suppl 1):A76.

Law I, Andersen FL, Hansen AE, Hasselbalch SG, Ladefoged C, Keller SH, Holm S, Højgaard L. Quantification and accuracy of clinical 11C-PiB PET/MRI: the effect of MR-based attenuation correction. *EJNMMI Phys* 2014 Jul;(Suppl 1):A69.

Johannesen HH, Löfgren J, Donkin I, Hansen AE, Loft A, Højgaard L, Kjær A. Identification and characterization of human brown adipose tissue (BAT) content and metabolism in adults using 18F-FDG PET/MR – a pilot study. *EJNMMI Phys* 2014 Jul;1(Suppl 1):A68.

Ladefoged CN, Hansen AE, Andersen KF, Loft A, Højgaard L, Kjær A, Andersen F. PET/MR imaging of sarcomas: effect of PET quantification by classification of tissue. *EJNMMI Phys*. 2014 Jul;(Suppl 1): A67.

Keller SH, Hansen C, Hansen C, Andersen FL, Ladefoged C, Svarer C, Kjær A, Højgaard L, Law I, Henriksen OM, Hansen AE. Sparsely sampled MR navigators as a practical tool for quality control and correction of head motion in simultaneous PET/MR. *EJNMMI Phys* 2014 Jul;1(Suppl 1):A36.

Ladefoged CN, Hansen AE, Keller SH, Holm S, Law I, Beyer T, Højgaard L, Kjær A, Andersen FL. Impact of incorrect tissue classification in Dixon-based MR-AC: fat-water tissue inversion. *EJNMMI Phys* 2014 Dec;1(1):101.

## 2015

Korsholm K, Feldt-Rasmussen U, Granqvist H, Højgaard L, Bollinger B, Rasmussen AK, Law I. Positron emission tomography and magnetic resonance imaging of the brain in Fabry disease: A Nationwide, long-time, prospective follow-up. *PLoS One* 2015 Dec 2;19(12).

Persson M, Skovgaard D, Brandt-Larsen M, Christensen C, Madsen J, Nielsen CH, Thurison T, Klausen TL, Holm S, Loft A, Berthelsen AK, Ploug M, Pappot H, Brasso K, Kroman N, Højgaard L, Kjaer A. First-in-human uPAR PET: Imaging of cancer aggressiveness. *Theranostics* 2015 Sep 13;5(12):1303-16.

Keller SH, Hansen C, Hansen C, Andersen FL, Ladefoged C, Svarer C, Kjær A, Højgaard L, Law I, Henriksen OM, Hansen AE. Erratum to: Motion correction in simultaneous PET/MR brain imaging using sparsely sampled MR navigators: a clinically feasible tool. *EJNMMI Phys* 2015 Dec;2(1):23.

Keller SH, Hansen C, Hansen C, Andersen FL, Ladefoged C, Svarer C, Kjær A, Højgaard L, Law I, Henriksen OM, Hansen AE. Motion correction in simultaneous PET/MR brain imaging using sparsely sampled MR navigators: a clinically feasible tool. *EJNMMI Phys* 2015 Dec;2(1):14.

Ladefoged CN, Hansen AE, Keller SH, Fischer BM, Rasmussen JH, Law I, Kjær A, Højgaard L, Lauze F, Beyer T, Andersen FL. Dental artifacts in the head and neck region: implications for Dixon-based attenuation correction in PET/MR. *EJNMMI Phys* 2015 Dec;2(1):8.

Klausen TL, Mortensen J, de Nijs R, Andersen FL, Højgaard L, Beyer T, Holm S. Intravenous contrast-enhanced CT can be used for CT-based attenuation correction in clinical <sup>111</sup>In-octreotide SPECT/CT. *EJNMMI Phys* 2015 Dec;2(1):3.

Ladefoged CN, Benoit D, Law I, Holm S, Kjær A, Højgaard L, Hansen AE, Andersen FL. Region specific optimization of continuous linear attenuation coefficients based on UTE (RESOLUTE); application to PET/MR brain imaging. *Phys Med Biol* 2015 Oct 21;60(20):8047-65.

Gutte H, Hansen AE, Larsen MM, Rahbek S, Henriksen ST, Johannesen HH, Ardenkjaer-Larsen J, Kristensen AT, Højgaard L, Kjær A. Simultaneous hyperpolarized <sup>13</sup>C-Pyruvate MRI and <sup>18</sup>F-FDG PET (HyperPET) in 20 dogs with cancer. *J Nucl Med* 2015 Nov;56(11):1786-92.

Löfgren J, Loft A, Barbosa de Lima VA, Østerlind K, von Benzon E, Højgaard L. Clinical importance of re-interpretation of PET/CT scanning in patients referred to a tertiary care medical centre. *Clin Physiol Funct Imaging* 2015 Jul 25.

Ladefoged CN, Andersen FL, Keller SH, Beyer T, Law I, Højgaard L, Darkner S, Lauze F. Automatic correction of dental artifacts in PET/MRI. *J Med Imaging (Bellingham)* 2015 Apr;2(2):024009.

Andersen JB, Henning WW, Lindberg U, Ladefoged CN, Højgaard L, Greisen G, Law I. Positron emission tomography/magnetic resonance hybrid scanner imaging of cerebral blood flow using <sup>15</sup>O-water positron emission tomography and arterial spin labeling magnetic resonance imaging in newborn piglets. *J Cereb Blood Flow Metab* 2015 Nov;35(11):1703-10.

Pedersen SF, Sandholt BV, Keller SH, Hansen AE, Clemmensen AE, Sillesen H, Højgaard L, Ripa RS, Kjær A. <sup>64</sup>Cu-DOTATATE PET/MRI for detection of activated macrophages in carotid atherosclerotic plaques: Studies in patients undergoing endarterectomy. *Arterioscler Thromb Vasc Biol* 2015;35(7):1696-703.

Pfeifer A, Knigge U, Binderup T, Mortensen J, Oturai P, Loft A, Berthelsen AK, Langer SW, Rasmussen P, Elema D, von Benzon E, Højgaard L, Kjær A. <sup>64</sup>Cu-DOTATATE PET for neuroendocrine tumors: A prospective head-to-head comparison with <sup>111</sup>In-DTPA-Octreotide in 112 patients. *J Nucl Med* 2015 Jun;56(6):847-54.

Haahr ME, Hansen DL, Fisher PM, Svarer C, Stenbæk DS, Madsen K, Madsen J, Holst JJ, Faaré WF, Højgaard L, Almdal T, Knudsen GM. Central 5-HT neurotransmission modulates weight loss following gastric bypass surgery in obese individuals. *J Neurosci* 2015 Apr 8;35(14):5884-9.

Rasmussen JH, Fischer BM, Aznar MC, Hansen AE, Vogelius IR, Löfgren J, Andersen FL, Loft A, Kjær A, Højgaard L, Specht L. Reproducibility of <sup>18</sup>F-FDG PET uptake measurements in head and neck squamous cell carcinoma on both PET/CT and PET/MR. *Br J Radiol* 2015 Apr;88(1048):20140655.

Pedersen SF, Sandholt BV, Keller SH, Hansen AE, Clemmensen AE, Sillesen H, Højgaard L, Ripa RS, Kjær A. <sup>64</sup>Cu-DOTATATE PET/MRI for Detection of Activated Macrophages in Carotid Atherosclerotic Plaques: Studies in Patients Undergoing Endarterectomy. *Arterioscler Thromb Vasc Biol* 2015 Jul;35(7):1696-703.

Pfeifer A, Knigge U, Binderup T, Mortensen J, Oturai P, Loft A, Berthelsen AK, Langer SW, Rasmussen P, Elema D, von Benzon E, Højgaard L, Kjær A. <sup>64</sup>Cu-DOTATATE PET for Neuroendocrine Tumors: A Prospective Head-to-Head Comparison with <sup>111</sup>In-DTPA-Octreotide in 112 Patients. *J Nucl Med* 2015 Jun;56(6):847-54.

Gutte H, Hansen AE, Larsen MM, Rahbek S, Johannesen HH, Ardenkjaer-Larsen J, Kristensen AT, Højgaard L, Kjær A. In Vivo Phenotyping of Tumor Metabolism in a Canine Cancer Patient with Simultaneous (<sup>18</sup>F)-FDG-PET and Hyperpolarized <sup>13</sup>C-Pyruvate Magnetic Resonance Spectroscopic Imaging (hyperPET): Mismatch Demonstrates that FDG may not Always Reflect the Warburg Effect. *Diagnostics (Basel)* 2015 Jun 26;5(3):287-9.

Benoit D, Ladefoged C, Rezaei A, Keller S, Andersen F, Højgaard L, Hansen AE, Holm S, Nuyts J. PET/MR: improvement of the UTE  $\mu$ -maps using modified MLAA. *EJNMMI Phys* 2015 Dec;2(Suppl 1):A58. doi: 10.1186/2197-7364-2-S1-A58.

Ladefoged C, Benoit D, Law I, Holm S, Højgaard L, Hansen AE, Andersen FL. PET/MR attenuation correction in brain imaging using a continuous bone signal derived from UTE. *EJNMMI Phys* 2015 Dec;2(Suppl 1):A39. doi: 10.1186/2197-7364-2-S1-A39.

## 2016

Keller SH, Jakoby B, Svalling S, Kjær A, Højgaard L, Klausen TL. Cross-calibration of the siemens mMR: easily acquired accurate PET phantom measurements. *EJNMMI Phys* 2016 Dec;3(1):11. doi: 10.1186/s40658-016-0146-3. Epub 2016 Jul 7.

Hansen AE, Andersen FL, Henriksen ST, Vignaud A, Ardenkjaer-Larsen JH, Højgaard L, Kjaer A, Klausen TL. Simultaneous PET/MRI with (13)C magnetic resonance spectroscopic imaging (hy-perPET): phantom based evaluation of PET quantification *EJNMMI Phys.* 2016 Dec;3(1):7. doi: 10.1186/s40658-016-0143-6. Epub 2016 Apr 22.

Legacy papers as chair of ICMJE

International Committee of Medical Journal Editors, UNIFORM REQUIREMENTS FOR MANUSCRIPTS SUBMITTED TO BIOMEDICAL JOURNALS: WRITING AND EDITING FOR BIOMEDICAL PUBLICATION, Version 2001, Co-editor together with Frank Davidoff, Magne Nylenna

Davidoff F, DeAngelis CD, Drazen JM, Nicholls MG, Hoyer J, Højgaard L, Horton R, Kotzin S, Nylenna M, Overbeeke M, Sox H, Van Der Weyden M, Wilkes MS, Sponsorship, authorship and accountability, editorial published widely internationally:

- a) *New Engl J Med* 2001;345:825-6.
- b) *Lancet* 2001 Sep 15;358(9285):854-6.
- c) *Ann Intern Med* 2001 Sep 18;135(6):463-6.
- d) *JAMA* 2001 Sep 12;286(10):1232-4.
- e) *Tidsskr Nor Laegeforen* 2001 Sep 10;121(21):2531-2. Norwegian.
- f) *Obstet Gynecol* 2001 Dec;98(6):1143-6.
- g) *Lakartidningen* 2001 Oct 24;98(43):4694-6.
- h) *Arch Otolaryngol Head Neck Surg* 2001 Oct;127(10):1178-80.
- i) *Med J Aust* 2001 Sep 17;175(6):294-6. *CMAJ.* 2001 Sep 18;165(6):786-8.
- j) *Ugeskr Læger* 2001 Sep 10;163(37):4983-5.

### Patents

Højgaard L. Patent: A new method for gastric PD measurements. Private-public partnership Hvidovre Hospital and Radiometer. 1985.

WO/2013/174980: Olesen V O (together with 3 co-inventors): Apparatus and method for motion tracking in brain imaging. Published Nov 28, 2013.

WO2013029616. Kjaer A, Knigge U, Højgaard L, Rasmussen P. PET tracer for imaging of neuro-endocrine tumors. Publications date 3. March 2013

US20140341807. Kjaer A, Knigge U, Højgaard L, Rasmussen P. PET tracer for imaging of neuro-endocrine tumors. Publications date 20. November 2014.

EP2750717. Kjaer A, Knigge U, Højgaard L, Rasmussen P. PET tracer for imaging of neuroendo-crine tumors. Publications date 9. July 2014.

### Reviews and Editorials

#### 1981

Krag E, Højgaard L. Bile acid metabolism after intestinal by-pass operations. *Int J Obesity* 1981;5:519-25.

Højgaard L, Arffmann S, Jørgensen M, Krag E. Tea consumption and constipation. Colon and nutrition. Proceedings of the 32. Falk Symposium. *Intestinal Week, Titisee, May 29-31, 1981*;215-9.

#### 1983

Krag E, Andersen JR, Rubinstein E, Arffmann S, Balsløv S, Pawelec J, Garsdal O, Højgaard L. Therapeutic aspects of bran. Proceedings of the International symposium on gastroenterology. New trends in pathophysiology and therapy of the large bowel. Bologna, April 7-8 1983. Elsevier Science Publishers, Amsterdam, New York, Oxford 1983:255-65.

#### 1987

Højgaard L, Matzen P, Christoffersen P. Gastritis - A clinical entity? *Scand J Gastroenterol* 1987;28:90-3.

#### 1991

Højgaard L og Galdestensgruppen ved Hvidovre Hospital. Ekstrakorporal galdestensknusning. En præliminær rapport. *Ugeskr Læger* 1991;153:332-5.

#### 1992

Højgaard L. Ulcus patogenese - og behandling. *Månedsskrift for Praktisk Lægegerning* 1992;71:1-8.

#### 1993

Stage JG, Grønvall S, Højgaard L, Kehlet H. Perkutan kolecystostomi ved akut kolecystit. *Ugeskr Læger* 1993;155:3477-80.



**1994**

Tønnesen H, Petersen KR, Højgaard L, Stockholm KH, Nielsen HJ, Knigge UP, Kehlet H. Post-operativ morbiditet blandt alkoholmisbrugere. Ugeskr Læger 1994;156:287-90.

Bolwig T, Haunsø S, Hove JD, Hesse B, Højgaard L, Jensen M, Paulson OB, Svendsen JH, Sølvsten Sørensen S. Positron emissions tomografi. Ugeskr Læger 1994;156:6341-7.

**1996**

Højgaard L, Nielsen AM, Rune SJ. Peptic ulcer pathophysiology: Acid, bicarbonate, and mucosal function. Scand J Gastroenterol 1996;31(suppl. 216):10-5.

**1997**

Middelfart HV, Funch-Jensen P, Kehlet H, Højgaard L. Ukomplerede galdeblæresten, hvem skal opereres? Ugeskr Læger 1997;159:2992-8.

Højgaard L. PNA – et nyt molekyle. Ugeskr Læger 1997;159:911.

**1999**

Højgaard L. Fremtiden for de videnskabelige tidsskrifter. Ugeskr Læger 1999;26:4014.

Eigtved AI, Keiding S, Hansen I-L, Daugaard KG, Højgaard L. Positron emissions tomografi til cancerdiagnostik. Ugeskr Læger 1999;161:6166-8.

Højgaard L. Linguistic understanding of Nordic physicians. Tidsskr Nor Lægeforen. 2001;121(17):1999.

**2000**

Bohr VA, Schroll M, Hendriksen C, Jeune B, Kirk H, Pedersen KD, Riis P, Højgaard L. Internationalt År for ældre 1999. Ugeskr Læger 1999;4:405. 2000;162:1707.

Højgaard L. Nye Vancouverregler. Ugeskr Læger 2000;162:4511.

**2001**

Fischer BM, Mortensen J, Højgaard L. Positron emission tomography in the diagnosis and staging of lungcancer: a systematic, quantitative review. Lancet Oncology 2001;2:659-66.

**2002**

Rasmussen F, Højgaard L, Kronborg O. Billeddiagnostik ved kræftsygdomme. Ugeskr Læger 2002;164:2901-11.

Kjaer A, Hesse B, Eigtved A, Højgaard L. Scintigrafi kombineret med CT. DSKFNM Ugeskr Læger 2002;164:1661.

**2003**

Højgaard L. Are health technology assessments a reliable tool in the analysis of the clinical value of PET in oncology? Who audits the auditors? Eur J Nucl Med Mol Imaging. 2003;30:637-41.

Borgwardt L, Larsen HJ, Pedersen K, Højgaard L. Practical use and implementation of PET in children in a hospital PET centre. Eur J Nucl Med 2003;30:1389-97.

**2004**

Højgaard L. Should PET scanning be used in lung cancer? Tidsskr Nor Lægeforen 2004;124:1074.

**2005**

Højgaard L. Det nye forskningsrådssystem i Danmark og Europa. Ugeskr Læger 2005;46:4362-6.

**2006**

Sundhedsstyrelsen. PET (Positron Emissions Tomografi) 2006. Anbefalinger for udbygning af PET og FDG (flourodeoxyglukose) produktion. 2006:1-38.

Højgaard L, Hansen MS. Centraliseret diagnostik. Ugeskr Læger 2006;168(15):1560.

Højgaard L. Betydning af centraliseret behandling. Ugeskr Læger 2006; 168(15):1517.

**2007**

Holm S, Borgwardt L, Loft A, Graff J, Law I, Højgaard L. Paediatric doses – a critical appraisal of the EANM paediatric dosage card. Eur J Nucl Med Mol Imaging 2007;34:1713-8.

Højgaard L, Specht L. PET/CT in head and neck cancer. Eur J Nucl Med Mol Imaging 2007;34:1329-33

**2008**

Højgaard L. Stronger medical research in Europe? Ugeskr Læger. 2008 Nov 3;170(45):3633.

Stauss J, Franzius C, Pfluger T, Juergens KU, Biassoni L, Begent J, Kluge R, Amthauer H, Voelker T, Højgaard L,

Barrington S, Hain S, Lynch T, Hahn K. Guidelines for 18F-FDG PET and PET-CT imaging in paediatric oncology. *Eur J Nucl Med Mol Imaging* 2008;35:1581-8.

## 2009

Arveschoug AK, Hjorthaug K, Rehling M, Højgaard L, Mortensen J, Oturai PS. Peptide receptor radionuclide therapy of neuroendocrine tumors. *Ugeskr Læger* 2009;171:1073.

Højgaard L. A vital voice. *Medical Science and Research. Public service review: European Union* 2009;18:223-4.

## 2010

Hansen CP, Langer S, Frevert S, Mortensen J, Højgaard L, Kjaer A, Knigge U. Treatment of neuroendocrine tumours of the gastrointestinal tract. *Ugeskr Læger* 2010 25;172(43):2942-2945.

Mortensen J, Oturai P, Højgaard L, Knigge U, Hansen CP, Martiny L, Rasmussen P, Kjaer A. Radionuclide therapy for neuroendocrine tumours. *Ugeskr Læger* 2010;172(43):2950-3.

## 2011

Berthelsen AK, Loft A, Sapru W, Kristensen CA, Christensen CB, Roed H, Højgaard L, Engelholm SA, Björk-Eriksson T. PET/CT Based Dose Planning in Radiotherapy. *Current Medical Imaging Re-views* 2011;7:210-215.

Højgaard L, Hesse B. Hybrid Imaging: Conclusions and Perspectives. *Current Medical Imaging Reviews* 2011;Vol 7;No 3;252-253.

Højgaard L. New and future cancer diagnostics. *Ugeskr Laeger* 2011 Jun 13;173(24):1715-8.

Kristiansen LV, Röllinghoff M, Berghmans S, Højgaard L. Gene-environment interaction in chronic disease: a European Science Foundation Forward Look Preface. *J Allergy Clin Immunol* 2011 Dec;128(6 sSuppl):25-6.

Steinhausen K, Berghmans S, Højgaard L. Frontline health care can be improved by bringing research into the clinic. *Br J Hosp Med (Lond)* 2011 Nov;72(11):606-7.

Wilm J, Olesen OV, Paulsen RR, Højgaard L, Roed B, Larsen R. "Real Time Surface Registration for PET Motion Tracking," *Lecture Notes in Computer Science*, Springer 2011. Vol. 6688;166-175,

## 2012

Balyasnikova S, Löfgren J, de Nijs R, Zamogilnaya Y, Højgaard L, Fischer BM. PET/MR in oncology: an introduction with focus on MR and future perspectives for hybrid imaging. *Am J Nucl Med Mol Imaging* 2012;2(4):458-74

Fischer BM, Højgaard L. PET/MR scanning. *Ugeskr Laeger* 2012 Mar 19;174(12):787. Danish. PubMed PMID: 22433544.

## 2013

Danielsen M, Højgaard L, Kjær A, Fischer BM. Positron emission tomography in the follow-up of cutaneous malignant melanoma patients: a systematic review. *Am J Nucl Med Mol Imaging* 2013 Dec 15;4(1):17-28.

Keller SH, Holm S, Hansen AE, Sattler B, Andersen F, Klausen TL, Højgaard L, Kjær A, Beyer T. Image artifacts from MR-based attenuation correction in clinical, whole-body PET/MRI. *MAGMA* 2013 Feb;26(1):173-81.

## 2014

Højgaard L, Berthelsen AK, Loft A. Head and neck: normal variations and benign findings in FDG positron emission tomography/computed tomography imaging. *PET Clin* 2014 Apr;9(2):141-5.

Lawler M, Le Chevalier T, Murphy MJ Jr, Banks I, Conte P, De Lorenzo F, Meunier F, Pinedo HM, Selby P, Armand JP, Barbacid M, Barzack M, Bergh J, Bode G, Cameron DA, de Braud F, de Gramont A, Diehl V, Diler S, Erdem S, Fitzpatrick JM, Geissler J, Hollywood D, Højgaard L, Horgan D, Jassem J, Johnson PW, Kapitein P, Kelly J, Kloezen S, La Vecchia C, Löwenberg B, Oliver K, Sullivan R, Tabernero J, Van de Veide CJ, Wilking N, Wilson R, Zielinski C, Zur Hausen H, Johnston PG. A catalyst change: the European cancer Patient's Bill of Rights. *Oncologist* 2014 Mar;19(3):217-24.

Mortensen J, Højgaard L. Radium-223 treatment of bone metastases from castration-resistant prostate cancer. *Ugeskr Laeger* 2014 Jul 21;176(30).

## 2015

Frederiksen KS, Hasselbalch S, Law I, Højgaard L, Waldemar G. Biomarkers for early diagnosis of Alzheimer's disease. *Ugeskr Laeger* 2015 Jun 8;177(24).

## Book chapters

Thomsen HS, Højgaard L. "Billeddiagnostik". *Basisbog i Medicin og Kirurgi*, Munksgaards Forlag, redaktion Torben

Schroeder et al. 2. udgave, år 2001.

Thomsen HS, Højgaard L. "Billeddiagnostik". Basisbog i Medicin og Kirurgi, Munksgaards Forlag, 3. udgave, 2003;25:759-80.

Højgaard L, Eigtved A & Paulsson OB. Brain metastases, intracranial lymphomas, and nongliomatous tumors. *Clinical Molecular Anatomical Imaging*, ed. Gustav von Schulthess, Lippincott, Williams & Wilkins, Philadelphia 2003;29:169-74.

Dreyer M, Eigtved A, Højgaard L. Special considerations in pediatric PET scanning. *Clinical Molecular Anatomical Imaging*, ed. Gustav von Schulthess, Lippincott, Williams & Wilkins, Philadelphia 2003;61:471-3.

Dreyer M, Eigtved A, Højgaard L. PET in pediatric tumors and infections. *Clinical Molecular Anatomical Imaging*, ed. Gustav von Schulthess, Lippincott, Williams & Wilkins, Philadelphia 2003;62:474-84.

Højgaard L. Nuklearmedicin. Lægemiddelkataloget 2003.

Thomsen HS, Højgaard L. "Billeddiagnostik". Basisbog i Medicin og Kirurgi, Munksgaards Forlag, 4. udgave, 2007.

Hutchings M, Borgwardt L, Loft A, Højgaard L. PET/CT and SPECT/CT in paediatric tumours and infections. *Clinical Molecular Anatomical Imaging*, ed. Gustav von Schulthess, Lippincott, Williams & Wilkins, Philadelphia 2007;67:583-96.

Borgwardt L, Loft A, Højgaard L. Special considerations in paediatric PET-CT and SPECT-CT scanning. *Clinical Molecular Anatomical Imaging*, ed. Gustav von Schulthess, Lippincott, Williams & Wilkins, Philadelphia 2007;66:574-82.

Law I, Borgwardt L, Højgaard L. Brain tumors: other primary brain tumors, metastases and radiation injury imaged with PET and SPECT. *Clinical Molecular Anatomical Imaging*, ed. Gustav von Schulthess, Lippincott, Williams & Wilkins, Philadelphia 2007;23:164-74.

Højgaard L, Borgwardt L. PET/CT and SPECT/CT in non-neoplastic, non-inflammatory pediatric diseases. *Clinical Molecular Anatomical Imaging*, ed. Gustav von Schulthess, Lippincott, Williams & Wilkins, Philadelphia 2007;68:597-601.

Højgaard L, Børsting A, Kjærgaard L, Adamsen L, Overgaard Andersen N, Dirckinck-Holmfeld L, Goldschmidt L, Gram L, Hougaard Jensen SE. Forskningspolitiske udfordringer – nye veje for dansk sundhedsvidenskabelig forskning. *Danmarks Forskningspolitiske Råd* 2008;1-104.

Højgaard L. "Klinisk Fysiologi og Nuklearmedicin". Basisbog i parakliniske og diagnostiske fag. Munksgård, 2011.

Højgaard L, Thomsen HS, Karstoft J, Frøkiær J. "Billeddiagnostik". Basisbog i diagnostiske fag. Munksgård 2012.

Højgaard L, Berthelsen AK, Loft A. Head and Neck: Normal Variations and Benign Findings in FDG Positron Emission Tomography/Computed Tomography Imaging. *Clinics Review Articles*, April 2014.

Law I, Borgwardt L, Højgaard L. *Molecular Anatomic Imaging - PET/CT, PET/MR and SPECT CT 3e: Pediatric hybrid imaging of the brain*. Wolters Kluwer 2014.

Borgwardt L, Berthelsen AK, Loft A, Højgaard L. *Molecular Anatomic Imaging - PET/CT, PET/MR and SPECT CT 3e: Special considerations in pediatric patients*. Wolters Kluwer 2014.

Loft A, Khong P, Borgwardt L, Berthelsen AK, Højgaard L. *Molecular Anatomic Imaging - PET/CT, PET/MR and SPECT CT 3e: Pediatric whole-body oncology*. Wolters Kluwer 2014.

Borgwardt L, Højgaard L. *Molecular Anatomic Imaging - PET/CT, PET/MR and SPECT CT 3e: Pediatric inflammation and other non-neoplastic diseases*. Wolters Kluwer 2014.

## **Book**

Højgaard L. Når du skal opereres. Helse. Gads Forlag 2002;1-52. ISBN 87-12-03936-5.

## **Other publications**

### **1987**

Højgaard L, Krag E. *Campylobacter pyloridis* and gastritis. *Gastroenterology* 1987;92:2051.

Andersen IB, Højgaard L. Whither biliary sludge - Do you exist? *Gastroenterology* 1992;101:1758.

### **1994**

Bud på en bedre lægemiddelinformation, 1994, Ugeskrift for læger.

Ulcusbehandlingens strategi - bør debatforum være på tingstedet eller hos købmanden? 1994. Ugeskrift for Læger.

Lægemedelinformation i Ugeskriftet. 1994 Ugeskrift for Læger.  
Klinisk lægemedelforskning i Danmark. 1994. Ugeskrift for Læger.  
Armitage P, Berry G. Statistical methods in medical research, tredje udgave. 1994. Ugeskrift for Læger.  
Nyt blad - Nyt fra Lægemedielaafdelingen. 1994. Ugeskrift for Læger.

### 1995

Sixth World Congress of World Federation of Nuclear Medicine and Biology. 1995. Ugeskrift for Læger.  
Besøg på redaktionerne for British Medical Journal og The Lancet. 1995. Ugeskrift for Læger.  
Nordisk tidsskriftmøde. 1995. Ugeskrift for Læger.  
Fremtidens medicinforbrug. 1995. Ugeskrift for Læger.

### 1996

Højgaard L, Schulze S, Kristensen BR, Borgwardt A, Faarvang KL, Juhl E, Krag E, Leth K, Nielsen JM. Ugeskriftets læsereenquete 1995. En spørgeskemaundersøgelse udsendt til en stikprøvepopulation af Ugeskriftets læserkreds. Ugeskr for Læger 1996;1:29-33.  
"Do we need to redefine authorship" 1996. Ugeskrift for Læger.  
Farvel til chefredaktøren 1996. Ugeskrift for Læger.  
Diskussionsmøde om klinisk forskning. 1996. Ugeskrift for Læger.  
Videnskab og praksis - tanker ved et redaktørskifte. 1996. Ugeskrift for Læger.  
Videnskab i Ugeskrift for læger og i pressen. 1996. Ugeskrift for Læger.  
Forskningsmetodologisk og statistisk konsulenttjeneste. 1996. Ugeskrift for Læger.

### 1997

Bias i bedømmelse af medicinsk forskning. 1997. Ugeskrift for Læger.  
EASE, The European Association of Science Editors. Quality in communication. 1997. Ugeskrift for Læger.  
Ytringsfrihed for læger. 1997. Ugeskrift for Læger.  
Hjerneåret 1997 i Ugeskriftet. 1997. Ugeskrift for Læger.

### 1998

Højgaard L. Hvordan man skriver videnskabelige artikler. 1998. Bibliotek for Læger, nr. 1.  
Liv og helse - et norsk-dansk seminar. 1998. Ugeskrift for Læger.  
Ved årsskiftet. 1998. Ugeskrift for Læger.  
Godt nytår. 1998. Ugeskrift for Læger.  
Forskning for fremtidens patient. 1998. Ugeskrift for Læger.  
Odd Fellow Ordenens Forskerpris 1998 til Henning Beck-Nielsen. 1998. Ugeskrift for Læger.  
Forfatterskab til videnskabelige artikler. 1998. Ugeskrift for Læger.  
Vancouvergruppen. 1998. Ugeskrift for Læger.  
Health Care vision 21. århundrede. 1998. Ugeskrift for Læger.  
Resistente bakterier. 1998. Ugeskrift for Læger.  
Den store Fernströmpris til mikrobiolog i Stockholm. 1998. Ugeskrift for Læger.  
Det Nordiske Cochrane Center - årsmøde den 28. januar 1998. Ugeskrift for Læger.

### 1999

Højgaard L. Lægeliv - dag i år 2020. NYH:S. 1999: Dec.  
Ved årsskiftet. 1999. Ugeskrift for Læger.  
JAMA's redaktør George Lundberg fyret af den amerikanske lægeforening. 1999. Ugeskrift for Læger.  
Diabetisk mikroangiopati. 1999. Ugeskrift for Læger.  
Odd Fellow Ordenens Forskerpris. 1999. Ugeskrift for Læger.  
MTV-årsmøde i Århus maj 1999. Ugeskrift for Læger.  
Nordisk medicin. 1999. Ugeskrift for Læger.  
HN-prisen. 1999. Ugeskrift for Læger.  
Hallas-Møller stipendiet til Finn Cilius Nielsen 1999. Ugeskrift for Læger.  
Fernstrøms nordiske pris til Keld Danø. 1999. Ugeskrift for Læger.

### 2000

Pedersen BL, Højgaard L. Vi bør reducere svigtene og øge sikkerheden i sundhedsvæsenet. Ugeskr Læger 2000;162:2723-7.  
Knudsen GM, Vorstrup S, Højgaard L. Rigets forskning. Kronik i Politikken. 2000.  
Refleksioner efter Internationalt År for Ældre 1999. 2000. Ugeskrift for Læger.  
Jacobinerklubbens hædersmedalje 1999 er tildelt Finn Cilius Nielsen. 2000. Ugeskrift for Læger.  
Status år 2000. Ugeskrift for Læger.  
Lægeliv i år 2020. 2000. Ugeskrift for Læger.  
Høreundersøgelser i speciallægepraksis, endnu en gang. 2000. Ugeskrift for Læger.  
Screening med "triple"-test er ikke et uskyldigt tiltag. 2000. Ugeskrift for Læger.  
Genetificering år 2000. Ugeskrift for Læger.  
Ingen kommentar 2000. Ugeskrift for Læger.  
Uddeling af Niels A. Lassen prisen 1999. 2000. Ugeskrift for Læger.

Ugeskriftet og annoncerne. 2000. Ugeskrift for Læger.  
Er yngre læger tilfredse med deres uddannelse? 2000. Ugeskrift for Læger.  
Om at svare på korrespondanceindlæg. 2000. Ugeskrift for Læger.  
Kunst og musik på intensivafdelingen. 2000. Ugeskrift for Læger.  
Sansendeindtryk under narkose. 2000. Ugeskrift for Læger.  
Danmarks grundforskningsfond. 2000. Ugeskrift for Læger.  
Novo Nordisk fonden. 2000. Ugeskrift for Læger.  
Placebobegrebet. 2000. Ugeskrift for Læger.  
Nye Vancouverregler. 2000. Ugeskrift for Læger.  
Genetiske mappemænd. 2000. Ugeskrift for Læger.  
Kært barn har mange navne 2000  
Hvad er etniske par. 2000. Ugeskrift for Læger.  
Medicinaldirektøren træder tilbage på grund af sygdom. 2000. Ugeskrift for Læger.  
International forskning og medfatterskab. 2000. Ugeskrift for Læger.  
Glædelig jul 2000. Ugeskrift for Læger.

## 2001

Sundhedsstyrelsen. Redegørelse vedrørende klinisk PET-skanning med FDG. Med særlig henblik på kræftdiagnostik 2001. Medlem af arbejdsgruppen bag rapporten. Juni 2001:1-34.

Højgaard L. Fornemt besøg i København. Ugeskr Læger 2001;163(1):45-7.  
Grænseoverskridende annoncer. 2001. Ugeskrift for Læger.  
Forskning og faglige fremskridt i 2000. 2001. Ugeskrift for Læger.  
Prognostisk værdi af PET og MRS ved evaluering af cerebral status hos børn. 2001. Ugeskrift for Læger.  
Dansk lægevidenskabelig forsknings størrelse? 2001. Ugeskrift for Læger.  
Årsmøde om MTV. 2001. Ugeskrift for Læger.  
Forskningsvilkår på universitetssygehuse. 2001. Ugeskrift for Læger.  
Det kan Ugeskriftet ikke være bekendt - og slet ikke i disse kvalitetsbevidste tider. 2001 Ugeskrift for Læger.  
Test din viden ved Dansk Lungemedicinsk Selskab. 2001. Ugeskrift for Læger.  
Gælden til forgængerne. 2001. Ugeskrift for Læger.  
Billeddiagnostik og evidensbaseret medicin. 2001. Ugeskrift for Læger.  
Sponsorship, Authorship and Accountability. 2001. Ugeskrift for Læger.  
Nordiske lægers sproglige forståelse. 2001. Ugeskrift for Læger.  
Nye Vancouver-regler og en stærk, fælles leder om den klinisk kontrollerede undersøgelse under pres. 2001. Ugeskrift for Læger.

## 2002

Ell P, Højgaard L, Becker W. The future of nuclear medicine. Lancet 2002;359:629-30.

Højgaard L, Knudsen GM. PET forskning på Rigshospitalet: Nyt synteseapparat til fremstilling af PET tracere. Lundbeckfonden Årsberetning 2002:29-31.

Sundhedsstyrelsen. PET (Positron Emissions Tomografi). Anbefalinger for udbygning af PET og FDG produktion 2002. Juli 2002:1-28.

## 2003

Højgaard L, Rehfeld JF. Hvorfra kommer de økonomiske midler til sundhedsvidenskabelig forskning? Ugeskr Læger 2003;165:346-9.

## 2004

Kehlet H, Højgaard L. Det sengeløse hospital – en realistisk mulighed? Ugeskr Læger 2004;51:4706-7.

## 2005

Højgaard L. Det nye forskningsrådssystem i Danmark og Europa. Ugeskr Læger 2005;46:4362-6.

## 2006

Højgaard L, Hansen MS. Centraliseret diagnostik. Ugeskr Læger 2006;168(15):1560.

Højgaard L et al. EMRC Newsletter 1, September issue. www.esf.org/emrc. 2006.

Højgaard L. Betydning af centraliseret behandling. Ugeskr Læger 2006; 168(15):1517.

Højgaard L et al. European Food Systems in a Changing World, Forward Look. www.esf.org/emrc. 2006.

Højgaard L et al. EMRC Newsletter 2, December issue. www.esf.org/emrc. 2006.

Sundhedsstyrelsen. PET (Positron Emissions Tomografi) 2006. Anbefalinger for udbygning af PET og FDG

(flourodeoxyglukose) produktion. 2006:1-38.

Holm-Nielsen L, Højgaard L, Rørth M. Forskning: Det er nu, der skal investeres! Kronik Politiken 2006;22. febr.

Madsbad S, Backer V, Bech K, Borregaard N, Csillag C, Glenthøj B, Højgaard L, Holst JJ et al. Sundhedsvidenskabelig forskning i Region Sjælland, Region Hovedstaden og på Det Sundhedsvidenskabelige Fakultet ved Københavns Universitet: Ambitioner og midler. Det Sundhedsvidenskabelige Fakultet, Københavns Universitet. August 2006:1-15.

## 2007

Højgaard L et al. EMRC Newsletter 3, March issue. [www.esf.org/emrc](http://www.esf.org/emrc). 2007.

Højgaard L et al. EMRC Newsletter 4, June issue. [www.esf.org/emrc](http://www.esf.org/emrc). 2007.

Højgaard L et al. Systems Biology: A Grand Challenge for Europe, Forward Look. [www.esf.org/emrc](http://www.esf.org/emrc). 2007.

Højgaard L et al. Science and Protein Production for Functional and Structural Analysis (Euro-SCOPE), EUROCORES Programme. [www.esf.org/emrc](http://www.esf.org/emrc). 2007.

Højgaard L et al. EMRC Newsletter 5, September issue. [www.esf.org/emrc](http://www.esf.org/emrc). 2007.

Højgaard L et al. Medical Imaging, Science Policy Briefing No.28. [www.esf.org/emrc](http://www.esf.org/emrc). 2007.

Højgaard L et al. MRC Newsletter 6, December issue. [www.esf.org/emrc](http://www.esf.org/emrc). 2007.

Højgaard L et al. EMRC White Paper, Present status and future strategy for medical research in Europe. [www.esf.org/emrc](http://www.esf.org/emrc). 2007.

## 2008

Engelholm SA, Højgaard L. Ny teknologi vil gavne danske kræftpatienter. Kronik. Berlingske Tidende 2008; 10. maj.

Højgaard L. Stronger Medical research in Europe? Ugeskr Læger 2008;170:3633.

Højgaard L. Kvoter ingen løsning for kvinder på KU. Universitetsavisen 2008;9:22-3.

Højgaard L et al. Pan-European Clinical Trials (ECT), EUROCORES Programme. [www.esf.org/emrc](http://www.esf.org/emrc). 2008.

Højgaard L et al. Stronger European Medical Research, Trish Groves, editorial on White Paper in BMJ 336;341-342, 2008. [www.esf.org/emrc](http://www.esf.org/emrc). 2008.

Højgaard L et al. EMRC Newsletter 7, March issue. [www.esf.org/emrc](http://www.esf.org/emrc). 2008.

Højgaard L et al. Population Surveys and Biobanking, Science Policy Briefing No.32. [www.esf.org/emrc](http://www.esf.org/emrc). 2008.

Højgaard L et al. Frontiers of Functional Genomics (FFG), Research Networking Programme. [www.esf.org/emrc](http://www.esf.org/emrc). 2008.

Højgaard L et al. Structural Medicine III The Importance of Lipidomics for Health and Disease, Science Policy Briefing No.31. [www.esf.org/emrc](http://www.esf.org/emrc). 2008.

Højgaard L et al. EMRC Newsletter 8, June issue. [www.esf.org/emrc](http://www.esf.org/emrc). 2008.

Højgaard L et al. European Science Foundation calls for more and better medical imaging re-search, Arturo Brunetti & Albert Cuocolo, European Journal of Nuclear Medicine and Molecular Imaging 35(9):1749-1757,2008. [www.esf.org/emrc](http://www.esf.org/emrc). 2008.

Højgaard L et al. Investigator-Driven Clinical Trials, Forward Look. [www.esf.org/emrc](http://www.esf.org/emrc). 2008.

Højgaard L et al. Regenerative Medicine (REMEDIC), Research Networking Programme. [www.esf.org/emrc](http://www.esf.org/emrc)

Højgaard L et al. ESF-EMRC Position on the Proposed Revision of the Directive on the Protection of Animals Used for Experimental and Other Scientific Purposes (86/609/EEC). 2008.

Højgaard L et al. Genomics to target fungal lung disease, Kathryn Senior, The Lancet Infectious Diseases, 8(11);667;2008. [www.esf.org/emrc](http://www.esf.org/emrc). 2008.

Højgaard L et al. EMRC Newsletter 9-10, September/December issues. [www.esf.org/emrc](http://www.esf.org/emrc). 2008.

Højgaard L et al. Advancing Systems Biology for Medical Applications, Science Policy Briefing No.35. Sysbiomed Specific

Support Action . [www.esf.org/emrc](http://www.esf.org/emrc). 2008.

## 2009

Højgaard L et al. EuroSTELLS (Development of a Stem Cell Tool Box) Final Report, EUROCORES Programme. [www.esf.org/emrc](http://www.esf.org/emrc). 2009.

Højgaard L et al. EMRC Newsletter 11, March issue. [www.esf.org/emrc](http://www.esf.org/emrc). 2009.

Højgaard L et al. Investigator-Driven Clinical Trials, Forward Look. [www.esf.org/emrc](http://www.esf.org/emrc). 2009.

Højgaard L et al. ESF-EMRC Position on the Proposal for a Directive on the Protection of Animals used for Scientific Purposes, 2nd Edition. [www.esf.org/emrc](http://www.esf.org/emrc). 2009.

Højgaard L et al. EMRC Newsletter 12, June issue. [www.esf.org/emrc](http://www.esf.org/emrc). 2009.

Højgaard L et al. EMRC Newsletter 13, September issue. [www.esf.org/emrc](http://www.esf.org/emrc). 2009.

Højgaard L et al. EMRC Newsletter 14, December issue. [www.esf.org/emrc](http://www.esf.org/emrc). 2009.

## 2010

Højgaard L. Sundhedsvidenskab betaler sig. Kommentar Berlingske Tidende 2010: 6. september.

Højgaard L. Science of Protein Production for Functional and Structural Analysis (EuroSCOPE), Final Report, EUROCORES Programme, LESC/EMRC. [www.esf.org/emrc](http://www.esf.org/emrc). 2010.

Højgaard L. The EuroGlycoScience Forum, Research Networking Programme, LESC/EMRC. [www.esf.org/emrc](http://www.esf.org/emrc). 2010.

Højgaard L. The Identification of Novel Genes and Biomarkers for Systemic Lupus Erythematosus (BIOLUPUS), Research Networking Programme. [www.esf.org/emrc](http://www.esf.org/emrc). 2010.

Højgaard L. European Network for the Study of Adrenal Tumours (ESF-ENS@T), Research Networking Programme. [www.esf.org/emrc](http://www.esf.org/emrc). 2010.

Højgaard L. EMRC Newsletter 15, May issue. [www.esf.org/emrc](http://www.esf.org/emrc). 2010.

Højgaard L. Human Stem Cell Research and Regenerative Medicine – A European Perspective on Scientific, Ethical and Legal Issues, Science Policy Briefing No.38. [www.esf.org/emrc](http://www.esf.org/emrc). 2010.

Højgaard L. ESF-EMRC Position on the Implications of the EMF Directive 2004/40/EC for European Biomedical Magnetic Resonance Research, Position Paper. [www.esf.org/emrc](http://www.esf.org/emrc). 2010.

Højgaard L. Ageing, Health and Pension in Europe: An Economic Perspective, Forward Look. [www.esf.org/emrc](http://www.esf.org/emrc). 2010.

Højgaard L. EMRC Newsletter 16, September issue. [www.esf.org/emrc](http://www.esf.org/emrc). 2010.

Højgaard L. Ageing, Health and Pensions in Europe: An Economic Perspective. Science Policy Briefing No. 39. [www.esf.org/emrc](http://www.esf.org/emrc). 2010.

Højgaard L. RNA World: a new frontier in biomedical research. Forward Look. [www.esf.org/emrc](http://www.esf.org/emrc). 2010.

Højgaard L. Male Reproductive Health: its impacts in relation to general wellbeing and low European fertility rates. Science Policy Briefing No. 40. [www.esf.org/emrc](http://www.esf.org/emrc). 2010.

Højgaard L. EMRC Newsletter 17. December issue. [www.esf.org/emrc](http://www.esf.org/emrc). 2010.

## 2011

Højgaard L. Open access anbefales. Ugeskr Læger 2011;173: 226.

Højgaard L. New and future cancer diagnostics. Ugeskr Laeger. 2011 Jun 13;173(24):1715-8.

Fischer BM, Lassen U, Højgaard L. PET-CT in preoperative staging of lung cancer. N Engl J Med. 2011 Mar 10;364(10):980-1.

Højgaard L, Hesse B: Conclusions and Perspectives. Editorial. Curr Med Imaging Rev 2011; 7: 252-253

Højgaard L. Personlig medicin. Best Practice, dec. 2011, nr. 4, 8.  
Det ideelle nye supersygehus. 2011. Ugeskrift for Læger.

Open access anbefales. 2011. Ugeskrift for Læger.

"Nu har jeg aldrig kendt så galt". 2011. Ugeskrift for Læger.

Europæisk biomedicinsk forskning klarer sig godt – men kan blive bedre . 2011. Ugeskrift for Læger.

Højgaard et al. European Network for Gastrointestinal Health Research (ENGIHR). EUROCORES Programme. EMRC Publication, ESF, European Science Foundation. February 2011.

<http://www.esf.org/activities/research-networking-programmes/medical-sciences-emrc/current-esf-research-networking-programmes/european-network-for-gastrointestinal-health-research-engihr.html>. 2011.

Højgaard et al. ESF-EMRC Position on the Directive on the Protection of Animals used for Scientific Purposes. Position Paper. EMRC Publication, ESF, European Science Foundation. February 2011. [www.esf.org/publications/medical-sciences](http://www.esf.org/publications/medical-sciences)

Højgaard et al. L'ESF demande une mise en relation plus étroite entre la pratique clinique et la recherche. Bulletin ASSM. 3/2011.

Højgaard et al. Die ESF fordert eine engere Verknüpfung von klinischer Praxis und Forschung. Bulletin SAMW. 3/2011.

Højgaard et al. European biobanks and sample repositories – relevance to personalised Medicine. Position Paper. EMRC Publication, ESF, European Science Foundation. May 2011.

[www.esf.org/publications/medical-sciences](http://www.esf.org/publications/medical-sciences)

Højgaard et al. Implementation of Medical Research in Clinical Practice (FLIP). Forward Look Report. EMRC Publication, ESF, European Science Foundation. May 2011.

<http://www.esf.org/activities/forward-looks/medical-sciences-emrc/current-forward-looks-in-medical-sciences/implementation-of-medical-research-in-clinical-practice.html>

Højgaard et al. European Myositis Network (EuMyoNet). Research Networking Programme. EMRC Publication, ESF, European Science Foundation. May 2011.

<http://www.esf.org/activities/research-networking-programmes/medical-sciences-emrc/current-esf-research-networking-programmes/european-myositis-network-eumyonet.html>

Højgaard et al. EMRC Newsletter No. 18. EMRC Publication, ESF, European Science Foundation. May 2011.

<http://www.esf.org/index.php?id=305>

Højgaard et al. A Stronger Biomedical Research for a Better European Future. EMRC White Paper II. EMRC Publication, ESF, European Science Foundation. Sept. 2011.

[www.esf.org/publications/medical-sciences](http://www.esf.org/publications/medical-sciences)

Højgaard et al. Ecological and Evolutionary Functional Genomics (EuroEEFG). EUROCORES Programme. Sept. 2011.

<http://www.esf.org/activities/eurocores/running-programmes/uroeefg.html>

Højgaard et al. Functional Genomic Variation in the Epilepsies (EuroEPINOMICS). EUROCORES Programme. September 2011.

<http://www.esf.org/activities/eurocores/running-programmes/euroepinomics.html>

Højgaard et al. Health Research Classification Systems: Current Approaches and Future Recommendations. EMRC Publication, ESF, European Science Foundation. ESF Science Policy Briefing No. 43. Nov. 2011.

<http://www.esf.org/research-areas/medical-sciences/activities/science-policy/health-research-classification-systems-current-approaches-and-future-recommendations.html>

Højgaard et al. Gene-Environment Interaction in Chronic Disease (GENESIS). Forward Look Report. EMRC Publication, ESF, European Science Foundation. Nov. 2011.

<http://www.esf.org/activities/forward-looks/medical-sciences-emrc/current-forward-looks-in-medical-sciences/fl-gene-environment-interaction-in-chronic-disease-genesis.html>

Steinhausen K, Berghmans S, Højgaard L. Die ESF Fordert eine engere Verknüpfung von klinischer Praxis und Forschung. Nov. 2011. Bulletin SAMW 3/11 on Forward Look – Implementation of Medical Research in Clinical Practice.

Højgaard et al. Stress and Mental Health (EuroSTRESS). EUROCORES Final Report. EMRC Publication, ESF, European Science Foundation. Dec. 2011. <http://www.esf.org/activities/eurocores/running-programmes/eurostress.html>

Højgaard et al. EMRC Newsletter No. 19 Dec 2011. EMRC Publication, ESF, European Science Foundation.

<http://www.esf.org/index.php?id=305>

## 2012

Højgaard L et al. Copenhagen Research Forum. [www.CRF2012.org](http://www.CRF2012.org). ISBN (electronic) 978-87-985272-7-5, ISBN (print)



978-87-985272-8-2. University of Copenhagen, Technical University of Denmark, The Capital Region of Denmark. January 2012.

Tiden lige nu: Paradigmerne skifter Ugeskrift for Læger nr 5. 2012.  
Akut, svær leverinsufficiens forårsaget af binyretumor hos nyfødt. Ugeskrift for Læger nr. 8. 2012.

Højgaard L. The Human Brain: from cells to society  
(SCSS/SCH lead)  
December 2012

Højgaard L. The Future of Science in Society  
(SCSS lead)  
Science Policy Briefing No. 21  
December 2012

Højgaard L. Open Access in Biomedical Research  
Science Policy Briefing No. 47  
ISBN: 978-2-918428-78-7  
September 2012

Højgaard L. Personalised Medicine for the European Citizen (iPM), Forward Look Report , ISBN: 978-2-918428, September 2012

Højgaard L. Implementation of Medical Research in Clinical Practice  
ESF Science Policy Briefing No. 45  
ISBN: 978-2-918428-78-7  
September 2012

Højgaard L. Medical Research Education in Europe  
Science Policy Briefing No. 46  
ISBN: 978-2-918428-79-4  
September 2012

Højgaard L. Pan-European Clinical Trials (ECT)  
EUROCORES Final Report  
ISBN: 978-2-918428-80-0  
September 2012

Højgaard L. Update on SPB No. 38 on Human Stem Cell Research and Regenerative Medicine  
September 2012

Højgaard L. Proposal for a revision of the "Clinical Trials Directive" (2001/20/EC) and other recommendations to facilitate clinical trials  
ESF-EMRC Position paper  
ISBN: 978-2-918428-54-1  
January 2012

Højgaard L. Researching Complex Interventions for Nursing  
(REFLECTION)  
Research Networking Programme  
January 2012

## 2013

Ditlevsen JM, Kvist N, Johansen LS, Jørgensen MH, Henriksen BM, Rechnitzer C, Lando A, Pe-tersen BL, Højgaard L, Borgwardt L. Acute, severe liver insufficiency caused by extrahepatic bili-ary atresia in a newborn. Ugeskr Laeger 2013 Apr 22;175(17):1195-6.

Højgaard L. The world's best biomedical research? Ugeskr Laeger. 2013 Feb 25;175(9):604.

Lindhardt BO, Højgaard L. Klinisk Forskning trænger til nyt lovgrundlag. Ugeskr Laeger 2013 Nov 11;175(46):2777.

Højgaard L. The world's best biomedical research? Ugeskr Laeger. 2013 Feb 25;175(9):604.

Højgaard L, Sinkjær T. Curiosity pays off. Danish National Research Foundation 2013.  
[http://issuu.com/dnrf/docs/curiosity\\_pays\\_off?e=3758829/3228694](http://issuu.com/dnrf/docs/curiosity_pays_off?e=3758829/3228694)

Højgaard I et al. Annual Report. Danish National Research Foundation 2013.

[http://issuu.com/dnrf/docs/dg\\_annualreport2013\\_web](http://issuu.com/dnrf/docs/dg_annualreport2013_web)

## 2014

Højgaard L, Hansen JR. Niels Bohrs atommodel og nuklearmedicinen. Medicoteknik 2014 Feb;12-15.

Højgaard L, Hansen JR. Atommodellen og kartoffelmosen. Kronik i Berlingske Tidende. 06.01.14.

Højgaard L et al. Advice for 2016/2017 of the Horizon 2020 Advisory Group for Societal Challenge 1, "Health, Demographic Change and Wellbeing". 2014

Højgaard L et al. Annual Report. Danish National Research Foundation 2014.

<http://issuu.com/dnrf/docs/dnrf-annual-report-2014>

Højgaard L et al. 12 New Centers of Excellence. Danish National Research Foundation 2014.

<http://dg.dk/filer/Publikationer/12%20new%20Centers%20of%20Excellence.pdf>

Højgaard L et al. Getting all talents in plays. Danish National Research Foundation 2014.

<http://dg.dk/filer/Publikationer/Getting%20all%20Talents%20in%20Play.pdf>

Højgaard L et al. Gode historier fra grundforskningens verden. Danish National Research Foundation 2014.

<http://dg.dk/filer/Publikationer/Gode%20historier%20fra%20grundforskningens%20verden.pdf>

## 2015

Højgaard L, Christiansen PM, Holten-Andersen P, Jess P, Rasmussen AML. Anbefalinger fra Taskeforcen for Flere Kvinder i Forskning. Uddannelses- og Forskningsministeriet 2015.

Højgaard L et al. The Post-Doc Challenge. Danish National Research Foundation 2015.

Højgaard L et al. Annual Report., Danish National Research Foundation. 2015.

Lægehåndbogen – Editor and Author Højgaard L - <http://lægehåndbogen.dk>

Scintigrafi af binyrerne. 2011.

<http://lægehåndbogen.dk/undersøgelser/undersøgelser/scintigrafi-af-binyrerne-2252.html>

Scintigrafi – ektopisk ventrikelslimhinde. 2011. <http://lægehåndbogen.dk/undersøgelser/undersøgelser/scintigrafi-ektopisk-ventrikelslimhinde-2555.html>

Scintigrafi af hjernen. 2011.

<http://lægehåndbogen.dk/undersøgelser/undersøgelser/scintigrafi-af-hjernen-2556.html>

Scintigrafi af milt. 2011.

<http://lægehåndbogen.dk/undersøgelser/undersøgelser/scintigrafi-af-milt-2558.html>

Scintigrafi af lungerne. 2011.

<http://lægehåndbogen.dk/undersøgelser/undersøgelser/scintigrafi-af-lungerne-2559.html>

Scintigrafi af parathyreoidea. 2011.

<http://lægehåndbogen.dk/undersøgelser/undersøgelser/scintigrafi-af-parathyreoidea-2564.html>

Scintigrafi af nyrerne. 2011.

<http://lægehåndbogen.dk/undersøgelser/undersøgelser/scintigrafi-af-nyrerne-2565.html>

Scintigrafi af skelettet. 2011.

<http://lægehåndbogen.dk/undersøgelser/undersøgelser/scintigrafi-af-skelettet-2566.html>

Scintigrafi af thyreoidea. 2011.

<http://lægehåndbogen.dk/undersøgelser/undersøgelser/scintigrafi-af-thyreoidea-2569.html>

Isotopscintigrafi. 2011.

<http://lægehåndbogen.dk/undersøgelser/undersøgelser/isotopscintigrafi-2574.html>

Myokardiescintigrafi. 2011.

<http://lægehåndbogen.dk/undersøgelser/undersøgelser/myocardiescintigrafi-4426.html>

Skintigrafi af binyrerne. 2011.

<http://lægehåndbogen.dk/undersøgelser/patientinformation/skintigrafi-af-binyrerne-4615.html>

Skintigrafi ved mavetarm-blødning. 2011.

<http://lægehåndbogen.dk/undersøgelser/patientinformation/skintigrafi-ved-mavetarm-blødning-4639.html>

Skintigrafi af hjernen. 2011.

<http://lægehåndbogen.dk/undersøgelser/patientinformation/skintigrafi-af-hjernen-4641.html>

Skintigrafi af hjertet. 2011.

<http://lægehåndbogen.dk/undersøgelser/patientinformation/skintigrafi-af-hjertet-4650.html>

Skintigrafi af nedre urinveje. 2011.

<http://lægehåndbogen.dk/undersøgelser/patientinformation/skintigrafi-af-nedre-urinveje->

4798.html

Skintigrafi af milt. 2011.

<http://lægehåndbogen.dk/undersøgelser/patientinformation/skintigrafi-af-milt-4799.html>

Skintigrafi af lungerne. 2011.

<http://lægehåndbogen.dk/undersøgelser/patientinformation/skintigrafi-af-lungerne-4800.html>

Skintigrafi af nyrenerne – renografi. 2011.

<http://lægehåndbogen.dk/undersøgelser/patientinformation/skintigrafi-af-nyrenerne-renografi-4801.html>

Skintigrafi af biskjoldbruskkirtlerne. 2011.

<http://lægehåndbogen.dk/undersøgelser/patientinformation/skintigrafi-af-biskjoldbruskkirtlerne-4802.html>

Skintigrafi af skelettet. 2011.

<http://lægehåndbogen.dk/undersøgelser/patientinformation/skintigrafi-af-skelettet4803.html>

Skintigrafi af skjoldbruskkirtlen. 2011.

<http://lægehåndbogen.dk/undersøgelser/patientinformation/skintigrafi-af-skjoldbruskkirtlen-4805.html>

PET-skanning, positron emissions tomografi. 2011. <http://lægehåndbogen.dk/undersøgelser/undersøgelser/pet-skanning-positron-emissions-tomografi-8233.html>

PET-skanning. 2011.

<http://lægehåndbogen.dk/undersøgelser/patientinformation/pet-skanning-13367.html>

Lægehåndbogen, sundhed.dk, in English: "Doctor's Handbook" is a Danish language online medical en-cyclopaedia aimed primarily at Danish General Practitioners. It is used by 23 million visitors annually.