

# **CURRICULUM VITAE**

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15. December 1962

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## **THEORETICAL EDUCATION**

- 1982                      Graduated from Nørre Gymnasium (College), Mathematical / Scientific class.
- 1991                      Graduated from the University of Copenhagen, Medical Faculty.
- 2003                      PhD degree awarded from the University of Copenhagen, Medical Faculty.
- 2004                      Specialist in clinical biochemistry.

## **EMPLOYMENTS**

- 01 07 91 - 31 12 91    Department of General Surgery, Bornholm Central Hospital.
- 01 01 92 - 30 06 92    Department of Internal Medicine, Bornholm Central Hospital.
- 01 07 92 - 31 12 92    Klemensker Clinic (General Practice).
- 01 01 93 - 30 09 94    Department of Internal Medicine, Bornholm Central Hospital.
- 01 10 94 - 30 09 96    Research Physician, Center for Clinical & Basic Research, Ballerup.
- 01 10 96 - 31 10 97    Senior Research Physician, Center for Clinical & Basic Research, Ballerup.
- 01 11 97 - 31 05 99    Clinical Research Manager, MEDICON a/s, Allerød.
- 01 06 99 - 31 01 00    Department of Clinical Biochemistry (Introductory position), Hvidovre Hospital.
- 01 02 00 - 30 04 01    Department of Clinical Biochemistry (Clinical Assistant), Hvidovre Hospital.
- 01 05 01 - 30 04 03    Department of Clinical Biochemistry (Educational position), Hvidovre Hospital.
- 01 05 03 – 31 12 04    Department of Clinical Biochemistry (1. reservelæge), Bispebjerg Hospital.
- 01 01 05 – 31 12 06    Department of Clinical Biochemistry (konst overlæge), Bispebjerg Hospital.
- 01 01 07 – 31 12 17    Department of Clinical Biochemistry (overlæge), Bispebjerg Hospital.

- 01 01 18 - Department of Clinical Biochemistry (klinisk professor, overlæge), Hvidovre Hospital.
- 01 01 18 - Clinical professor, department of clinical medicine, University of Copenhagen

## PAPERS

Peer reviewed

- 1) **Relation of common allelic variation at vitamin D receptor locus to bone mineral density and postmenopausal bone loss: cross sectional and longitudinal population study.** Jørgensen HL, Schøller J, Sand JC, Bjuring M, Hassager C, Christiansen C. British Medical Journal 1996; 313: 586-590.
- 2) **Improved reproducibility of broadband ultrasound attenuation (BUA) of the os calcis by using a specific region of interest (ROI).** Jørgensen HL, Hassager C. Bone 1997; 21: 109-112.
- 3) **The role of quantitative ultrasound in the assessment of bone: a review.** Prins SH, Jørgensen HL, Jørgensen LV, Hassager C. Clinical Physiology 1998; 18: 3-17.
- 4) **Hip fracture discrimination by imaging ultrasound measurements of the calcaneus.** Prins SH, Lauritzen J, Jørgensen HL, Simonsen L, Hassager C. Clinical Physiology, 1999; 19: 419-425.
- 5) **Udvikling i medicinske artikler 1989-1998. En undersøgelse af Danmark i forhold til de øvrige medlemmer af den Europæiske Union.** Jørgensen HL, Prætorius L, Ingwersen P. Ugeskrift for Læger 1999, 161: 6339-6343.
- 6) **Lack of influence of Sp1 polymorphism in the Collagen type Ia1 gene on the rate of bone loss in a cohort of postmenopausal Danish women followed for 18 years.** Heegaard AM, Jørgensen HL, Vestergaard AW, Hassager C, Grant SFA, Ralston SH. Calcified Tissue International 2000, 66: 409-413.
- 7) **No major effect of estrogen receptor gene polymorphisms on bone mineral density or bone loss in postmenopausal Danish women.** Bagger YZ, Jørgensen HL, Heegaard AM, Bayer L, Hansen H, Hassager C. Bone 2000; 26: 111-116.

- 8) **How does quantitative ultrasound compare to dual X-ray absorptiometry at various skeletal sites in relation to the WHO diagnosis categories.** Jørgensen HL, Warming L, Bjarnason N, Andersen PB, Hassager C. *Clinical Physiology* 2001; 21: 51-59.
- 9) **Odds ratios for hip- and lower forearm fracture using peripheral bone densitometry - a case control study of postmenopausal women.** Saleh MMA, Jørgensen HL, Lauritzen JB. *Clinical Physiology and Functional Imaging* 2002; 22: 58-63.
- 10) **Prognostic value of screening for irregular antibodies late in pregnancy (third trimester) in rhesus positive women where irregular antibodies have not previously been demonstrated.** Anita Sylvest Andersen, Lisbeth Prætorius, Henrik Løvendahl Jørgensen, Kirsten Lylloff, Kim Toftager Larsen. *Acta Obstetricia et Gynecologica Scandinavica*, 2002; 81: 407-411.
- 11) **Preoperative endoscopic stenting before pancreaticoduodenectomy - effect on morbidity and mortality.** Martha M.A. Saleh, Peter Nørregaard, Henrik L. Jørgensen, Peter Matzen. *Gastrointestinal Endoscopy* 2002; 56: 529-534.
- 12) **Association of a common allelic polymorphism (C677T) in the methylene tetrahydrofolate reductase gene with a reduced risk of osteoporotic fractures. A case control study in Danish postmenopausal women.** Jørgensen HL, Madsen JS, Madsen B, Saleh MMA, Abrahamsen B, Fenger M, Lauritzen JB. *Calcified Tissue International* 2002; 71: 386-392.
- 13) **Effekt af fysisk træning på muskelstyrke, knoglemasse og fald hos ældre - en oversigtsartikel.** Lillelund HK, Jørgensen HL, Hendriksen C, Lauritzen JB. *Ugeskrift for Læger* 2002; 2002: 164: 4522-4528.
- 14) **Contribution of Thermolabile Methylenetetrahydrofolate Reductase Variant to Total Plasma Homocysteine Levels in Healthy Men and Women. Inter99 (2).** Lise Lotte N. Husemoen, Troels F. Thomsen, Mogens Fenger, Henrik L. Jørgensen, Torben Jørgensen. *Genetic Epidemiology* 2003 24: 322-330.

- 15) **Association between polymorphisms of Apolipoprotein E, bone mineral density of the lower forearm, quantitative ultrasound of the calcaneus and osteoporotic fractures in postmenopausal women with hip or lower forearm fracture.** Sennels HP, Sand JC, Madsen B Lauritzen JB, Fenger M, Jørgensen HL. Scandinavian Journal of Clinical and Laboratory Investigation 2003; 63: 247–258.
- 16) **Serum osteoprotegerin (OPG) and the A163G polymorphism in the OPG promoter region are related to peripheral measures of bone mass and fracture odds ratios.** Henrik L. Jørgensen, Philip Kusk, Bente Madsen, Mogens Fenger, Jes B. Lauritzen. Journal of Bone and Mineral Metabolism 2004; 22: 132-138.
- 17) **Forskningsaktiviteten for kandidater med ph.d.- eller dr.med.-grad fra de sundhedsvidenskabelige fakulteter 1995-1997.** Henrik L. Jørgensen, Birger Larsen, Peter Ingwersen, Jens F. Rehfeld. Ugeskrift for Læger 2004; 166: 479-484.
- 18) **Atomic force microscopy on human trabecular bone from an old woman with osteoporotic fractures.** Tue Hassenkam, Henrik L. Jørgensen, Morten B. Pedersen, Anette H. Kourakis, Lene simonsen, Jes B. Lauritzen. Micron 2005; 36: 681-687.
- 19) **MTHFR C677T polymorphism as an independent predictor of peak bone mass in Danish Men - results from the Odense Androgen Study.** Bo Abrahamsen, Henrik L Jørgensen, Torben L Nielsen, Marianne Andersen, Egil Haug, Peter Schwarz, Claus Hagen, Kim Brixen. Bone 2006; 38: 215-219.
- 20) **Factors affecting postoperative mortality of patients with dislocated femoral neck fracture - Garden type 3-4.** Morten Boye Petersen, Henrik L. Jørgensen, Kim Hansen, Benn Duus. Injury, 2006; 37: 705-711.
- 21) **Mapping the Imprint of Bone Remodeling by Atomic Force Microscopy.** Tue Hassenkam, Henrik L. Jørgensen, Jes Bruun Lauritzen. Anat Rec A Discov Mol Cell Evol Biol. 2006; 288A: 1087-1094.
- 22) **Postoperative urinary retention: Clinical assessment versus ultrasound examination.** Lars Møller Pedersen, Teit Mantoni, Margrethe Duch Lynggaard, Birgitte Schousboe, Jes Bruun Lauritzen, Bente Dyrland Pedersen, Henrik L. Jørgensen. Ugeskrift for læger. 2007; 169: 608-608.

- 23) **The influence of smoking on uterine bleeding during sequential oral hormone therapy.** Nina H. Bjarnason, Inger Byrjalsen, Henrik L Jørgensen, Claus Christiansen. *Climacteric* 2007; 10: 147-154.
- 24) **Biglycan Deficiency Causes Spontaneous Aortic Dissection and Rupture in Mice.** Heegaard AM, Corsi A, Danielsen CC, Nielsen KL, Jørgensen HL, Riminucci M, Young MF, Bianco P. *Circulation* 2007; 115: 2731-2738
- 25) **Length of stay in asylum centres and mental health in asylum seekers: a retrospective study from Denmark.** Hallas P, Hansen AR, Staehr MA, Munk-Andersen E, Jørgensen HL. *BMC Public Health*. 2007; 7: 288
- 26) **The influence of smoking on uterine bleeding during continuous and interrupted oral hormone therapy.** Bjarnason NH, Jørgensen HL, Byrjalsen I, Alexandersen P, Christiansen C. *Climacteric* 2007; 10: 480-490
- 27) **Research activity in clinical biochemistry.** Jørgensen HL, Larsen B, Ingwersen P, Rehfeld JF. *Ugeskrift for læger* 2008; 170: 2798-27802.
- 28) **A comprehensive hip fracture program reduces complication rates and mortality.** Pedersen SJ, Borgbjerg FM, Schousboe B, Pedersen BD, Jørgensen HL, Duus BR, Lauritzen JB; Hip Fracture Group of Bispebjerg Hospital. *J Am Geriatr Soc*. 2008; 56: 1831-1838.
- 29) **The impact of HIV-1 co-infection on long-term mortality in patients with hepatitis C: a population-based cohort study.** Omland L, Jepsen P, Skinhøj P, Jørgensen HL, Münster AM, Bangsborg J, Fenger M, Sørensen H, Obel N; on behalf of the Danish HIV Cohort Study and the DANVIR Cohort Study. *HIV Med*. 2009; 10: 65-71
- 30) **Sunbed radiation provokes cutaneous vitamin D synthesis in humans--a randomized controlled trial.** Thieden E, Jørgensen HL, Jørgensen NR, Philipsen PA, Wulf HC. *Photochem Photobiol*. 2008; 84: 1487-1492.

- 31) **The influence of smoking on bone loss and response to nasal estradiol.** Bjarnason NH, Nielsen TF, Jørgensen HL, Christiansen C. *Climacteric*. 2009; 12: 59-65.
- 32) **Chamber-dependent circadian expression of cardiac natriuretic peptides.** Goetze JP, Georg B, Jørgensen HL, Fahrenkrug J. *Regul Pept*. 2010; 160: 140-145.
- 33) **Low mortality following salicylic poisoning.** Karsbøl JD, Jørgensen HL, Dalhoff K. *Ugeskrift for Læger* 2010; 172: 2541-2546.
- 34) **Multi-organ dysfunction in bodybuilding possibly caused by prolonged hypercalcemia due to multi-substance abuse: case report and review of literature.** Schäfer CN, Guldager H, Jørgensen HL. *Int J Sports Med* 2011;32: 60-65.
- 35) **Diurnal variation of hematology parameters in healthy young males: the Bispebjerg study of diurnal variations.** Sennels HP, Jørgensen HL, Hansen AL, Goetze JP, Fahrenkrug J. *Scand J Clin Lab Invest*. 2011; 71: 532-541.
- 36) **Pain and knee function in relation to degree of bone bruise after acute anterior cruciate ligament rupture.** Szkopek K, Warming T, Neergaard K, Jørgensen HL, Christensen HE, Krogsgaard M. *Scand J Med Sci Sports*. 2012; 22: 635-642.
- 37) **Acute And Long-Term Estradiol Kinetics In Smoking Postmenopausal Women.** Nina Bjarnason, Henrik L Jørgensen, Claus Christiansen. 2012;15: 449-454
- 38) **Amyloid-related biomarkers and axonal damage proteins in parkinsonian syndromes.** Bech S, Hjermand LE, Salvesen L, Nielsen JE, Heegaard NH, Jørgensen HL, Rosengren L, Blennow K, Zetterberg H, Winge K. *Parkinsonism Relat Disord* 2012; 18: 69-72
- 39) **Routine blood tests as predictors of mortality in hip fracture patients.** Anne S. Laulund, Jes B. Lauritzen, Benn R. Duus, Mathias Mosfeldt, Henrik L. Jørgensen. *Injury* 2012; 43: 1014-1020
- 40) **Value of routine blood tests for prediction of mortality risk in hip fracture patients.** Mathias Mosfeldt, Ole B. Pedersen, Troels Riis, Henning O. Worm, Henrik L. Jørgensen, Benn R. Duus, Jes B. Lauritzen. *Acta Orthopaedica* 2012; 83: 31-35

- 41) **Secondary hyperparathyroidism and mortality in hip fracture patients compared to a control group from general practice.** Madsen CM, Jørgensen HL, Lind B, Ogarrio HW, Riis T, Duus BR, Lauritzen JB. Injury 2012; 43:1052-1057
- 42) **Diurnal plasma concentrations of pro-natriuretic peptides in healthy young males.** Jens Peter Goetze, Henriette P Sennels, Henrik L Jørgensen and Jan Fahrenkrug. Clinical Chemistry 2012; 58: 789-792
- 43) **Rhythmic 24 hour variations of frequently used clinical biochemical parameters in healthy young males – The Bispebjerg study of diurnal variations.** Henriette P. Sennels, Henrik L. Jørgensen, Jens Peter Goetze, Jan Fahrenkrug. Scandinavian Journal of Clinical and Laboratory Investigation 2012; 72: 287-295
- 44) **A reverse J-shaped association of all-cause mortality with serum 25-hydroxyvitamin D in general practice: the CopD study.** Durup D, Jørgensen HL, Christensen J, Schwarz P, Heegaard AM, Lind B. J Clin Endocrinol Metab. 2012; 97: 2644-2652.
- 45) **Altered rhythm of adrenal clock genes, StAR and serum corticosterone in VIP receptor 2-deficient mice.** Fahrenkrug J, Georg B, Hannibal J, Jørgensen HL. J Mol Neurosci. 2012; 48: 584-596.
- 46) **Expression of the clock genes Per1 and Bmal1 during follicle development in the rat ovary. Effects of gonadotropin stimulation and hypophysectomy.** Gräs S, Georg B, Jørgensen HL, Fahrenkrug J. Cell Tissue Res. 2012; 350: 539-548.
- 47) **Effect of head rotation on cerebral blood velocity in the prone position.** Højlund J, Sandmand M, Sonne M, Mantoni T, Jørgensen HL, Belhage B, van Lieshout JJ, Pott FC. Anesthesiol Res Pract. 2012; 2012: 647258.
- 48) **Is mortality after hip fracture associated with surgical delay or admission during weekends and public holidays? A retrospective study of 38,020 patients.** Daugaard CL, Jørgensen HL, Riis T, Lauritzen JB, Duus BR, van der Mark S. Acta Orthop. 2012; 83: 609-613.



- 49) **Low levels of vitamin D are associated with increased mortality in patients attending a university hospital in Denmark.** Blicher TM, Jørgensen HL, Schwarz P, Wulf HC. Scand J Clin Lab Invest. 2013; 73: 24-28.
- 50) **FindZebra: a search engine for rare diseases.** Dragusin R, Petcu P, Lioma C, Larsen B, Jørgensen HL, Cox IJ, Hansen LK, Ingwersen P, Winther O. Int J Med Inform. 2013; 82: 528-538.
- 51) **Specialized tools are needed when searching the web for rare disease diagnoses.** Dragusin R, Petcu P, Lioma C, Larsen B, Jørgensen HL, Cox IJ, Hansen LK, Ingwersen P, Winther O. Rare Dis. 2013;1:e25001
- 52) **Early detection of COPD in primary care: the Copenhagen COPD screening project.** Lyngsø AM, Gottlieb V, Backer V, Nybo B, Østergaard MS, Jørgensen HL, Frølich A. COPD. 2013; 10: 208-215.
- 53) **Chromium and cobalt ion concentrations in blood and serum following various types of metal-on-metal hip arthroplasties: a literature overview.** Jantzen C, Jørgensen HL, Duus BR, Sporning SL, Lauritzen JB. Acta Orthop. 2013; 84: 229-236.
- 54) **Trauma treatment in a role 1 medical facility in Afghanistan.** Vedel PN, Helsø I, Jørgensen HL, Lauritzen JB, Nissen LR. J R Army Med Corps. 2013; 159: 119-122.
- 55) **Metaanalysis of risk factors for mortality in patients with hip fracture.** Norring-Agerskov D, Laulund AS, Lauritzen JB, Duus BR, van der Mark S, Mosfeldt M, Jørgensen HL. Dan Med J. 2013; 60: A4675.
- 56) **The role of capnography in endoscopy patients undergoing nurse-administered propofol sedation: a randomized study.** Slagelse C, Vilmann P, Hornslet P, Jørgensen HL, Horsted TI. Scand J Gastroenterol. 2013; 48: 1222-1230.
- 57) **Low Serum Thyrotropin Level and Duration of Suppression as a Predictor of Major Osteoporotic Fractures - The OPENTHYRO Register Cohort.** Abrahamsen B, Jørgensen HL, Laulund AS, Nybo M, Brix TH, Hegedüs L. J Bone Miner Res. 2014; 29: 2040-2050.

- 58) **Diurnal variation of von Willebrand factor in plasma: the Bispebjerg study of diurnal variations.** Timm A, Fahrenkrug J, Jørgensen HL, Sennels HP, Goetze JP. Eur J Haematol. 2014; 93: 48-53
- 59) **Preoperative factors associated with red blood cell transfusion in hip fracture patients.** Madsen CM, Jørgensen HL, Norgaard A, Riis T, Jantzen C, Pedersen OB, Duus BR, Lauritzen JB. Arch Orthop Trauma Surg. 2014; 134: 375-382
- 60) **Daily number of fractures is associated with road temperature in an urban area.** Jantzen C, Jørgensen HL, Thomsen MT, Riis T, Sommer B, Duus BR, Lauritzen JB. Dan Med J. 2014; 61: A4794.
- 61) **Duration of Thyroid Dysfunction Correlates with All-Cause Mortality. The OPENTHYRO Register Cohort.** Laulund AS, Nybo M, Brix TH, Abrahamsen B, Jørgensen HL, Hegedüs L. PLoS One. 2014; 9: e110437
- 62) **Meta-analysis of routine blood tests as predictors of mortality in COPD.** Lomholt FK, Laulund AS, Bjarnason NH, Jørgensen HL, Godtfredsen NS. Eur Clin Respir J. 2014 Jun 5; 1. doi: 10.3402
- 63) **A Reverse J-Shaped Association Between Serum 25-Hydroxyvitamin D and Cardiovascular Disease Mortality: The CopD Study.** Durup D, Jørgensen HL, Christensen J, Tjønneland A, Olsen A, Halkjær J, Lind B, Heegaard AM, Schwarz P. J Clin Endocrinol Metab. 2015; 100: 2339-2346.
- 64) **Age and weight at final discharge from an early discharge programme for stable but tube-fed preterm infants.** Ahnfeldt AM, Stanchev H, Jørgensen HL, Greisen G. Acta Paediatr. 2015; 104: 377-383.
- 65) **The excess risk of major osteoporotic fractures in hypothyroidism is driven by cumulative hyperthyroid as opposed to hypothyroid time: an observational register-based time-resolved cohort analysis.** Abrahamsen B, Jørgensen HL, Laulund AS, Nybo M, Bauer DC, Brix TH, Hegedüs L. J Bone Miner Res. 2015; 30: 898-905.
- 66) **Rare disease diagnosis: A review of web search, social media and large-scale data-mining approaches.** Svenstrup D, Jørgensen HL, Winther O. Rare Dis. 2015; 3: e1083145.

- 67) **Diurnal changes of biochemical metabolic markers in healthy young males - the Bispebjerg study of diurnal variations.** Sennels HP, Jørgensen HL, Fahrenkrug J. Scand J Clin Lab Invest. 2015; 75: 686-692.
- 68) **Diurnal gene expression of lipolytic natriuretic peptide receptors in white adipose tissue.** Smith J, Fahrenkrug J, Jørgensen HL, Christoffersen C, Goetze JP. Endocr Connect. 2015; 4: 206-214
- 69) **Orthogeriatric Service Reduces Mortality in Patients With Hip Fracture.** Stenqvist C, Madsen CM, Riis T, Jørgensen HL, Duus BR, Lauritzen JB, van der Mark S. Geriatr Orthop Surg Rehabil. 2016; 7: 67-73.
- 70) **Hyponatremia and hypernatremia are associated with increased 30-day mortality in hip fracture patients.** Madsen CM, Jantzen C, Lauritzen JB, Abrahamsen B, Jørgensen HL. Osteoporos Int. 2016; 27: 397-404.
- 71) **A Systematic Review on Effect of Single-Dose Preoperative Antibiotics at Surgical Osteotomy Extraction of Lower Third Molars.** Marcussen KB, Laulund AS, Jørgensen HL, Pinholt EM. J Oral Maxillofac Surg. 2016; 74: 693-703.
- 72) **Temporal trends in the use of antithrombotics at admission.** Madsen CM, Jantzen C, Lauritzen JB, Abrahamsen B, Jørgensen HL. Acta Orthop. Acta Orthop. 2016; 87: 368-373
- 73) **Low Levels of Hemoglobin at Admission Are Associated With Increased 30-Day Mortality in Patients With Hip Fracture.** Praetorius K, Madsen CM, Abrahamsen B, Jørgensen HL, Lauritzen JB, Laulund AS. Geriatr Orthop Surg Rehabil. 2016; 7: 115-120.
- 74) **Opioid Usage During Admission in Hip Fracture Patients-The Effect of the Continuous Femoral Nerve Block.** Helsø I, Jantzen C, Lauritzen JB, Jørgensen HL. Geriatr Orthop Surg Rehabil. 2016; 7: 197-201.
- 75) **Revision rates for metal-on-metal hip resurfacing and metal-on-metal total hip arthroplasty - a systematic review.** Ras Sørensen SL, Jørgensen HL, Sporing SL, Lauritzen JB. Hip Int. 2016; 26: 515-521.

- 76) **Diurnal Variations of Human Circulating Cell-Free Micro-RNA.** Heegaard NH, Carlsen AL, Lilje B, Ng KL, Rønne ME, Jørgensen HL, Sennels H, Fahrenkrug J. PLoS One. 2016; 11: e0160577.
- 77) **Synchrotron radiation  $\mu$ CT and histology evaluation of bone-to-implant contact.** Neldam CA, Sporning J, Rack A, Lauridsen T, Hauge EM, Jørgensen HL, Jørgensen NR, Feidenhansl R, Pinholt EM. J Craniomaxillofac Surg. 2017; 45: 1448-1457.
- 78) **Excess Mortality in Treated and Untreated Hyperthyroidism Is Related to Cumulative Periods of Low Serum TSH.** Lillevang-Johansen M, Abrahamsen B, Jørgensen HL, Brix TH, Hegedüs L. J Clin Endocrinol Metab. 2017; 102: 2301-2309.
- 79) **Hypophysectomy abolishes rhythms in rat thyroid hormones but not in the thyroid clock.** Fahrenkrug J, Georg B, Hannibal J, Jørgensen HL. J Endocrinol. 2017; 233: 209-216.
- 80) **Hyperkalemia is Associated with Increased 30-Day Mortality in Hip Fracture Patients.** Norring-Agerskov D, Madsen CM, Abrahamsen B, Riis T, Pedersen OB, Jørgensen NR, Bathum L, Lauritzen JB, Jørgensen HL. Calcif Tissue Int. 2017; 101: 9-16.
- 81) **Role of light and the circadian clock in the rhythmic oscillation of intraocular pressure: Studies in VPAC2 receptor and PACAP deficient mice.** Fahrenkrug J, Georg B, Hannibal J, Jørgensen HL. Exp Eye Res. 2018; 169: 134-140
- 82) **Temporal trends in hip fracture incidence, mortality, and morbidity in Denmark from 1999 to 2012.** Jantzen C, Madsen CM, Lauritzen JB, Jørgensen HL. Acta Orthop. 2018; 89: 170-176
- 83) **Mice Lacking EGR1 Have Impaired Clock Gene (BMAL1) Oscillation, Locomotor Activity, and Body Temperature.** Riedel CS, Georg B, Jørgensen HL, Hannibal J, Fahrenkrug J. J Mol Neurosci. 2018; 64: 9-19.
- 84) **Over- and Under-Treatment of Hypothyroidism Is Associated with Excess Mortality: A Register-Based Cohort Study.** Lillevang-Johansen M, Abrahamsen B, Jørgensen HL, Brix TH, Hegedüs L. Thyroid 2018; 28: 566-574

## PROCEEDINGS

- 1) **Relationship of Common allelic variation at the vitamin D receptor locus to bone mineral density and bone turnover.** Jørgensen HL, Schøller J, Sand JC, Bjuring M, Hassager C, Christiansen C. British Journal of Obstetrics and Gynaecology 1996; 103, supplement 13: 28-30.
- 2) **Relationship of common allelic variation at the vitamin D receptor locus to bone mineral density and bone turnover – Discussion.** Black DM, Jørgensen HL, Christiansen C, Hesch, Camlibel. British Journal of Obstetrics and Gynaecology 1996; 103, supplement 13: 30-31.
- 3) **Ultrasound assessment of bone: Bone Quantity or Quality?** Prins SH, Jørgensen HL, Jørgensen LV, Hassager C. Advances in Osteoporosis. Basic and clinical aspects. Volume 1. Proceedings of the 1st International seminar, Athens, 10-11 May 1997. Editor George P Lyritis.
- 4) **Quantitative Ultrasound (QUS) on a Specific Region of Interest (ROI) of the Os Calcis: A New Imaging Technique.** Jørgensen HL, Jørgensen LV, Hassager C, Møllgaard A, Christiansen C. Applied Radiation and Isotopes, 1998; 49: 681-683.

## BOOK CHAPTERS

- 1) **Estrogens and progestogens in clinical practice. Effects on non-reproductive tissue - bone.** Winding B, Jørgensen HL, Christiansen C. Estrogens and progestogens in clinical practice. Churchill Livingstone, 1998. Edited by Ian Fraser, Robert Jansen, Rogerio Lobo and Malcolm Whitehead.
- 2) **Osteoporosis in patients with a history of breast cancer: Causes and diagnosis.** Winding B, Jørgensen HL, Christiansen C. Tumor bone diseases and osteoporosis in cancer patients. Marcel Dekker, Inc, 1999. Editor Jean-Jacques Body.
- 3) **Hormone replacement including osteoporosis.** Jørgensen HL, Winding B. Handbook of Experimental Pharmacology 135/II, Estrogens and antiestrogens. Springer-Verlag, 1999 Edited by M. Oettel and E. Schillingher.

- 4) **Bone.** Winding B, Jørgensen HL, Christiansen C. *Handbook of Experimental Pharmacology 135/II, Estrogens and antiestrogens.* Springer-Verlag, 1999 Edited by M. Oettel and E. Schillingher.

## BOOKS

- 1) **Statistiske metoder i biomedicin.** Cilia Sindt og Henrik L. Jørgensen. Books on Demand, 2013. ISBN 978-87-7145-622-6

## PHD THESIS

**Association of single nucleotide polymorphisms in six candidate genes with peripheral measures of bone mass and fracture risk in a case/control study of postmenopausal Danish women.** University of Copenhagen. Defended September 2003.

## OTHER

- 1) **Kvantitativ Ultralydsmåling (QUS).** Jørgensen HL. *Praksis Sektoren* 1996; 5: 28-29.
- 2) **Vitamin-D-receptor locus, knoglemineraldensitet og postmenopausalt knogletab.** Jørgensen HL, Schøller J, Sand JC, Bjuring M, Hassager C, Christiansen C. *Ugeskrift for læger* 1998; 160: 644-647 (duplicate publication).
- 3) **Kvantitative ultralydsmålinger til undersøgelse af knogler.** Prins SH, Jørgensen HL, Jørgensen LV, Hassager C. *Ugeskrift for læger* 2000; 162: 2731-2735 (duplicate publication).
- 4) **Ultralyd og osteoporose-diagnostik.** Prins SH, Jørgensen HL, Hassager C. *Ugeskrift for læger* 2000; 162: 4672-4673 (response).
- 5) **En moderne klinisk biokemisk afdeling.** Henrik L. Jørgensen, Steen Thystrup. *Teori & Praksis* 2001; 6: 8-11.
- 6) **Arv og Osteoporose.** Jørgensen HL, Tofteng CL, Abrahamsen B, Langdahl BL. *Ugeskrift for læger* 2005; 167: 1012-1017 (review by invitation).

- 7) **Accreditation of clinical biochemical departments. The Danish Society of Clinical Biochemistry** . Gerdes U, Hilsted LM, Jørgensen HL; Dansk Selskab for Klinisk Biokemi. Accreditation of clinical biochemical departments. The Danish Society of Clinical Biochemistry. Ugeskrift for Læger 2007; 169: 1112
- 8) **Dansen om "impact factor"**. Jens F. Rehfeld, Lars Bo Nielsen, Henrik L. Jørgensen. Ugeskrift for Læger 2007; 169: 2317
- 9) **Scientometriske metoder til måling af forskningsaktivitet og gennemslagskraft**. Peter Ingwersen, Birger Larsen, Jens F. Rehfeld og Henrik L. Jørgensen. Klinisk Biokemi i Norden 2007; 19: 10-22
- 10) **Opholdstiden i asylcentre og psykisk sygdom hos asylansøgere – sekundærpublikation**. Peter Hallas, Anne R. Hansen, Mia A. Stæhr, Ebbe Munk-Andersen, Henrik L. Jørgensen. Ugeskrift for Læger 2008; 170: 955-957. (duplicate publication)
- 11) **Fokussanering forud for indsættelse af knæ- og hofteproteser**. Marcellino Fernandes, Simon Storgård Jensen, Jes Bruun Lauritzen, Henrik Løvendahl Jørgensen. Tandlægebladet 2008; 112: 540-545. (review by invitation)
- 12) **Bibliometri – pro et contra**. Henrik L. Jørgensen. Bibliotek for Læger 2011, 4. (review by invitation). 2011
- 13) **Impact of co-morbidity and adverse lifestyle on complications in elective total knee arthroplasty**. Christopher Niels Schäfer, Henrik Løvendahl Jørgensen, Troels Riis, Jes Bruun Lauritzen. Clin Health Promot. 2012; 2: 19-25.
- 14) **Effekt af kortere centrifugeringstid ved højere relativ centrifugalkraft**. Maria Wiisbye, Ingelise Marcussen, Dorte Gøttrup Jespersen og Henrik L. Jørgensen. DSKB Nyt 2015; 4: 24-26
- 15) **FindZebra – en søgemaskine dedikeret til sjældne sygdomme**. Henrik L. Jørgensen, Dan Svenstrup og Ole Winther. Klinisk Biokemi i Norden, 2016; 28: 30-33
- 16) **Diagnostic measurements and diurnal rhythms**. Sennels HP, Jørgensen HL, Fahrenkrug J. Ugeskr Læger 2018; 180: pii: V04180274.

- 17) Editorial: Monitorering af antiosteoporotisk behandling.  
Jørgensen HL. Ugeskr Læger 2018; 180: pii: V70028.



## **SCIENTIFIC REVIEWS** (for the following journals):

*Age Ageing*  
*Annals of Medicine*  
*Diabetes Care*  
*Endocrine Connections*  
*European Journal of Endocrinology*  
*European Journal of Haematology*  
*Hormone and Metabolic Research*  
*Journal of Bone and Mineral Research*  
*Journal of the American College of Nutrition*  
*Maturitas*  
*Osteoporosis International*  
*Scandinavian journal of clinical and laboratory investigation*  
*Scandinavian Journal of Medicine & Science in Sports*  
*Ugeskrift for Læger*  
*EBioMedicine*

## **PHD EVALUATIONS**

- |      |  |
|------|--|
| 2006 | PhD thesis by Stine Ohlendorff, M. Sci., "Polymorphisms in the P2X <sub>7</sub> Receptor - Association to Bone". Roskilde University   |
| 2011 | PhD thesis by Claus Lohmann Brasen, MD, "Genetic determinants of peak Bone Mineral Density –association with osteoporosis and risk of fractures". University of Southern Denmark, Faculty of Health Sciences   |
| 2013 | PhD thesis by Jens Peter Andersen, M. Sci. "Conceptualising research quality in medicine for evaluative bibliometrics". University of Copenhagen, Faculty of Humanities  |
| 2014 | PhD thesis by Peter Brøndum Jacobsen, MD. "Reduced plasma 25-hydroxyvitamin D concentrations and risk of ischemic heart disease, total mortality, and venous thromboembolism in the general population". University of Copenhagen, Faculty of Health Sciences. |

## **GRANTS AWARDED**

- |      |   |
|------|---|
| 1999 | PhD. fee for the University of Copenhagen granted by the Board of the Copenhagen Hospitals. |
| 2000 | Financing of position as Clinical Assistant granted by the University of Copenhagen.        |
| 2000 | Grant from Gerda and Aage Haensch's Fund (for lab materials).                               |

- 2001 Grant from the Danish Hospital Foundation for Medical Research. Region of Copenhagen, The Faroe Islands and Greenland (for lab materials).
- 2001 Grant from P.A. Messerschmidt og Spouse Fund (for lab materials).
- 2001 Co-applicant on a Scholarship grant for medical student Henriette K. Lillund awarded by the Board of the Copenhagen Hospitals. Project: Effect of systematic mechanical muscular stimulation (oscillative muscle stimulation) on neuromuscular function, bone mass and falling frequency in elderly patients.
- 2004 Travel grant from Boston University School of Public Health.
- 2004 Co-applicant on a 3-year grant for MSc Tue Hassenkam awarded by the Danish Research Council. Project: Structure and energy absorption on the nanometer scale in human bone.
- 2006 Co-applicant on a grant awarded by the Board of the Copenhagen Hospitals for the development of a prototype of a new device for measuring bone mass: DGX-BMD.
- 2007 Grant from "Generalkonsul Valdemar Joseph Glückstads Legat til fremme af lægevidenskabelig forskning".
- 2012 Co-applicant on a grant from AP Møllers Foundation. Project: Biomarkers associated with mortality following hip fracture.
- 2012 Co-applicant on a grant from Augustinus Foundation. Project: Biomarkers associated with mortality following hip fracture.
- 2012 Co-applicant on a grant from Aase and Einar Danielsens Foundation. Project: Biomarkers associated with mortality following hip fracture.
- 2016 Co-applicant on a grant from "Region Sjællands og Region Syddanmarks forskningspulje til støtte af fælles tværgående forskningsprojekter" in support of the PhD project of Debbie Norring Agerskov.

## ADMINISTRATIVE EXPERIENCE

- Oct 94 - Oct 97      Research physician at the Center for Clinical & Basic Research, Ballerup, with responsibilities for planning and executing clinical trials, negotiations with sponsors, correspondence with relevant authorities etc.
- Nov 97 – May 99      Head of the clinical research department at MEDICON a/s, Allerød, with direct responsibility for three academic employees and six nurses, partaking in budget planning, setting up clinical trials, negotiations with sponsors, organization of investigator meetings in Denmark and abroad etc.
- Jan 01 – Apr 05      Member of a working group under the Danish Society for Clinical Biochemistry with the task of defining new guidelines for the education of future specialists in Clinical Biochemistry.
- Sep 01 - Apr 03      Member of the local co-operation committee (LSU) at the Department of Clinical Biochemistry, Hvidovre University Hospital.
- Jan 02 - Jul 02      Member of the selection committee charged with finding a new head of department for the department of Clinical Biochemistry at Hvidovre University Hospital.
- Nov 02 - Dec 02      Member of the selection committee charged with finding a new leading laboratory technician for the department of Clinical Biochemistry at Hvidovre University Hospital.
- Jan 03 - Feb 03.      Member of the selection committee charged with finding a new molecular biologist for the department of Clinical Biochemistry at Hvidovre University Hospital.
- Nov 02 – Nov 06      Member of the Board of the Danish Bone Society.
- Mar 03 - Jan 07      Member of the local co-operation committee (LSU) at the Department of Clinical Biochemistry, Bispebjerg University Hospital.
- Jun 03                  Co-organizer of an international symposium: *Hip fracture symposium*, Bispebjerg Hospital.
- Apr 05 – Apr 09      Treasurer and member of the board of the Danish Society for Clinical Biochemistry.
- Nov 05                  Organizer of a symposium entitled “Newest medical and surgical aspects of hip fractures” for the Danish Bone Society.

Jan 06 -	Leader of a team charged with seeking and maintaining accreditation of the Department of Clinical Biochemistry at Bispebjerg University according to the ISO15189 standard.
Aug 06 – May 07	Member of the local organizing committee for the 34 <sup>th</sup> European Symposium on Calcified Tissues (5-9 May 2007, Copenhagen).
Nov 07 – Jan 13	Member of several working groups under the centralized IT administration (Koncern IT) of The Capital Region of Denmark charged with planning and improving IT systems.
Jan 10 – Apr 13	Treasurer and member of the board of the Nordic Society for Clinical Biochemistry.
Apr 13 – Jun 17	President of the Danish Society for Clinical Biochemistry
Apr 13 – Jun 17	Member of the board of the Nordic Society for Clinical Biochemistry.
Jan 14 – May 15	Member of a working group under the Danish Health and Medicines Authority charged with revising the description and the planning of the medical speciality of Clinical Biochemistry.
Dec 16 -	Member of the board of Alliance française de Copenhagen
Mar 2017 -	Président de l'Alliance française de Copenhagen
June 2018 -	President of the Nordic Society for Clinical Biochemistry

## **TEACHING EXPERIENCE**

1983 - 1984	Basic computer techniques, AOF, Gladsaxe.
1983 - 1990	French courses at various levels, AOF, Glostrup.
1996	Applied statistics with an emphasis on the SAS system, CCBR, Ballerup.
1999 - 2003	University courses for medical students. Department of Clinical Biochemistry, Hvidovre Hospital. Topics 1) Hematology. 2) Markers of bone turnover. 3) Parathyroid Hormone and Hypercalcemia.
2001	On-line databases. Course for lab technicians.
2002 - 2012	Attached as external evaluator for exams at the Danish Royal School of Library and Information Science.

- 2002 - 2009 Applied statistics for lab technicians in H:S.
- 2003 - University courses for medical students. Department of Clinical Biochemistry, Bispebjerg Hospital. Topics 1) Osteoporosis 2) Preanalytic sources of error in bloodsampling. 3) Parathyroid Hormone and Hypercalcemia. 4) Acid base relationships and blood gasses. 5) New biochemical markers in heart disease. 6) Endocrinology. 7) Introduction to Clinical Biochemistry.
- 2004 Co-organizer of a course on Endocrinology (A-kursus) for physicians specializing in clinical biochemistry. Lecture on osteoporosis.
- 2004 - Post graduate courses for physicians and biochemists. Topics: Endocrinology, Pharmacology and Toxicology. Danish Society for Clinical Biochemistry
- 2005 Applied statistics at CVU Øresund.
- 2005 Patient case course for lab technicians in H:S. Hematology and calcium metabolic diseases.
- 2006 Statistical background for quality assurance in medical laboratories. In-house staff training at the department of clinical biochemistry. Bispebjerg University Hospital.
- 2007 - 2017 Supervisor (uddannelsesansvarlig overlæge) for physicians specializing in clinical Biochemistry at the Department of Clinical Biochemistry, Bispebjerg Hospital.
- 2007 Post graduate research training courses for physicians. Topics: Basic statistics and literature search strategies. University of Copenhagen.
- 2007 - Post graduate research training courses for physicians. Basic statistics. Region Sjælland
- 2010 - Basic statistics for research active medical students members of PUFF (Panums Ungdoms Forsker Forening).
- 2013 - Post graduate research training courses for physicians and biochemists in methods for quality assurance in the medical laboratory.
- 2018 - Supervisor (uddannelsesansvarlig overlæge) for physicians specializing in clinical Biochemistry at the Department of Clinical Biochemistry, Amager and Hvidovre Hospital.

## SCIENTIFIC AND EDUCATIONAL SUPERVISION

- 1996-1997 Supervisor for Merete Bjuring and Jette C. Sand for their projects for the final exams in biochemistry and biology respectively at the University of Copenhagen.
- 1996-1998 Project supervisor for medical student Søren H. Prins on a project investigating the use of ultrasound for the diagnosis of osteoporosis at the Center for Clinical and Basic Research, Ballerup.
- 1999 - 2002 Supervisor for Martha M.A. Saleh, MD, Department of Orthopedic Surgery, Hvidovre Hospital on a project investigating the odds ratios for hip- and lower forearm fracture using peripheral densitometry in a case control study.
- 2000 Scientific advisor for Annette Hansen, MD, Department of Rheumatology, Rigshospitalet on a project monitoring bone mass changes during the treatment of steroid induced osteoporosis.
- 2001 Supervisor for Laboratory Technician Cilia Sindt for her exam project (diplomuddannelsen) "Mutations in key enzymes of the homocysteine metabolism".
- 2001 - 2002 Co-supervisor for medical student Heriette K. Lillelund on a scholarship project investigating the influence of mechanical stimulation of immobilized patients on bone loss and neuromuscular function at the Department of Orthopedic Surgery, Hvidovre Hospital.
- 2002 Co-supervisor for medical student Marie Solgaard for her OSVAL I project: "Væsentlige risikofaktorer og eventuelle interventionsmuligheder for fald og frakturer hos postmenopausale kvinde".
- 2003 - 2004 Co-supervisor for medical students Marie Andreasen and Jan Kjærsgaard Nielsen for their OSVAL II project "Ultra High Molecular Weight Polyethylen (UHMWPE) - Slidpartikler, Partikelsyge, Aseptisk Osteolyse - Praktiske og Teoretiske Udfordringer".
- 2004 Co-supervisor for medical student Anders Peter Skovsen on his OSVAL I project "Hoftebeskytter som forebyggelse af hoftefraktur".

- 2005 Supervisor for Laboratory Technician Cilia Sindt for her exam project "Patterns in the use of biochemical analyses over a period of 7 years at a Danish university hospital" at Lund University aimed at obtaining the degree: Master of Science (Msc) in Biomedical Laboratory Technology.
- 2005 - 2006 Co-supervisor for Lonnie Andersen and Sanne Lundstrøm Iversen, students at the Technical University of Denmark (DTU), on their project "Biomechanics of intra-articular knee prostheses".
- 2006 Supervisor for Stud. Scient. San. Anne-Louise Smidt Hansen on her project: Importance of fasting when analyzing various parameters in clinical biochemistry.
- 2007 Co-supervisor for Ahmad El-Madani and Sermed Al-Hamdani, students at the Technical University of Denmark (DTU), on their project "Biomechanics in the Osteoarthritic Knee".
- 2007 Co-supervisor for Louise Baruël Johansen and Hella Roashan, students at the Technical University of Denmark (DTU), on their project "3D inverse-dynamic gait analysis of patients with osteoarthritis of the knee - before and after knee replacement".
- 2009 Co-supervisor for Sanne Lundstrøm Iversen at the Technical University of Denmark (DTU).
- 2010 Co-supervisor for medical student Anna Gaki Lindestrand on her master project "Trampoline injuries"
- 2010 - Co-supervisor for Sune Lund Sparring, M. sci., on his Ph.d. projekt "Interarticular Interpositional Implant Development"
- 2010 - Co-supervisor for Camilla Hougaard on her master project "Treatment of Pain in Hip Fracture Patients".
- 2011 Co-supervisor for Ilaf Hamza and Shimaa Muhssen Hamza students at the Technical University of Denmark (DTU), on their master project "Analysis of the structure and biomechanical properties of porcine and human menisci".
- 2011 Co-supervisor for medical student Anne Sofie Laulund on her bachelor project "Mortality in hip fracture patients".
- 2013 - 2015 Co-supervisor for medical student Anne Sofie Laulund on her project "The consequences of biochemically verified hyper- and hypothyroidism on morbidity and mortality, a Danish population- and register-based study of 260,790 individuals.

- 2015 - Co-supervisor for Debbie Narring-Agerskov, MD, on her PhD project "Biochemical and genetic factors as predictors of mortality in hip fracture patients".
- 2016 - 2017 Supervisor for Fie Juhl Vojdeman, MD, during her educational position in clinical biochemistry.
- 2018 - Supervisor for 2 MDs in educational positions and 1 MD in an introductory position.

## **MEMBERSHIPS**

Danish Medical Association.  
 Medical Society of Copenhagen.  
 Danish Bone Society  
 Danish Society for Clinical Biochemistry  
 Alliance française de Copenhagen

## **LANGUAGES**

In speech and writing	Danish, English and French.
Understanding of written and spoken language	Swedish and Norwegian
Turist level	Dutch, German, Italian and Spanish.

## **PRESENTATIONS**

More than 100 at congresses, symposia etc. in Denmark and abroad.