

Curriculum vitae for Else-Marie Bladbjerg May 2023

Personal data

Name

Else-Marie Bladbjerg, born 2 May 1965 in Esbjerg, Denmark (DK)

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Education

1992 Master of Science in Experimental Biology (Human Nutrition) from Odense University, DK.

1996 PhD degree at the Faculty of Health Sciences, Odense University; Institute for Thrombosis Research, and Department of Clinical Biochemistry, Ribe County Hospital in Esbjerg, DK. PhD title: "Activation of blood coagulation factor VII: biochemical and physiological aspects related to dietary fat intake".

2002 Lecturer in theory of education, University of Southern Denmark, DK.

Employments

1993 – 1996 PhD scholarship at the Institute for Thrombosis Research, South Jutland University Centre

1997 – 2009 Assistant Professor at the Unit for Thrombosis Research, SDU and Department of Clinical Biochemistry, Hospital of South West Jutland

2009 – 2017 Associate Professor at the Unit for Thrombosis Research, Institute of Public Health, University of Southern Denmark and Department of Clinical Biochemistry, Hospital of South West Jutland

2017 Associate Professor at the Unit for Thrombosis Research, Department of Regional Health Research, University of Southern Denmark and Section of Clinical Biochemistry, Clinical Diagnostic Department, Hospital of South West Jutland

2021 → Head of Research at the Unit for Thrombosis Research, Department of Regional Health Research, University of Southern Denmark and Section of Clinical Biochemistry, Clinical Diagnostic Department, Hospital of South West Jutland

2022 Professor at the Unit for Thrombosis Research, Department of Regional Health Research, University of Southern Denmark and Section of Clinical Biochemistry, Clinical Diagnostic Department, Hospital of South West Jutland

Maternity leave

1994 – 1995 October 1, 1994 – May 7, 1995

1998 – 1999 November 1, 1998 – May 29, 1999

Scientific focus areas

Twenty-five years of experience with research focusing on environmental (diet, physical activity, hormones, medicine) and genetic factors in relation to thrombotic diseases with particular focus on clinical intervention studies, population studies, and laboratory analyses of protein and genetic markers of the haemostatic balance, inflammation, and endothelial function. Individuals with obesity have received increased attention during recent years, and fibrinogen variants as possible causes of obesity, inflammatory diseases, and thrombosis is a novel and future focus area. The research areas are summarized in the following headlines:

- Dietary effects on fasting and non-fasting concentrations of blood coagulation factor VII
- Laboratory studies of proteins in haemostasis, inflammation, and endothelial function and thrombotic risk
- DNA-polymorphisms in haemostasis, inflammation, and endothelial function and thrombotic risk
- Animal models of blood coagulation and fibrinolysis
- Plasma proteins within haemostasis, inflammation, and endothelial function and thrombotic risk
- Effects of hormone replacement therapy, oral contraceptives, and weight loss medication on haemostasis
- Meta-analyses (Emerging Risk Factor Collaboration) of plasma proteins and cardiovascular risk
- Genetic, clinical, and behavioural determinants of vitamin K-antagonist dose and re-sponse
- Dietary effects on fasting and non-fasting concentrations of variables within haemostasis, inflammation, and endothelial function in various patient groups and obese individuals before and after weight loss induced by lifestyle or bariatric surgery
- Effects of physical training on fasting and non-fasting concentrations of variables within haemostasis, inflammation, and endothelial function in obese individuals before and after weight loss induced by lifestyle or bariatric surgery
- Effects of obesity surgery on haemostasis, inflammation, and endothelial function
- Effects of fibrinogen variants on obesity, inflammatory diseases, and thrombosis
- Effects of hormones in transgender men and women on hemostasis
- Thromboembolism in anorexia nervosa – a registry-based study of a national cohort and a case-control study of the haemostatic balance

Selected scientific oral presentations

1997 High-fat diets increase blood coagulation factor VII. Seminar at the Royal Veterinary and Agricultural University, Copenhagen, DK

1997 High-fat meals and postprandial coagulation activation in patients with ischaemic heart disease. Syddansk Sundhedsvidenskabeligt Forskningsforum, Fredericia, DK

1998DNA and blood clots. Danish Science Festival, Esbjerg, DK
1999Diet-induced activation of coagulation factor VII in patients with ischaemic heart disease. Congress on Preventive Cardiology, Fredericia, DK
2001Quality control of PCR-based genotype methods in haemostasis and inflammation. Leiden Fibrinolysis Workshop, Leiden, the Netherlands
2002Quality control of PCR-based genotype methods in haemostasis and inflammation. Leiden Fibrinolysis Workshop, Leiden, Holland HRT and blood coagulation factor VII: estrogen and progestin effects. 5th European Congress on Menopause, Copenhagen, DK
2003Quality control of PCR-based genotype methods in haemostasis and inflammation. Danish Institute for External Quality Assurance for Laboratories in the health sector (DEKS), Odense, DK
2004Lifestyle and cardiovascular disease. Senior Club, University of Southern Denmark, Esbjerg, DK
2005Diet and cardiovascular disease - Foods and Proteomics. University of Southern Denmark, Odense, DK
2005Diet-gene interactions and cardiovascular risk. BioTEAMSouth 4th Molecules in Health Conference, Middelfart, DK
2006Lifestyle and cardiovascular disease. Diagnostica Stago meeting, Svendborg, DK
2012 + 2013Lactose intolerance. Rybners Gymnasium, Esbjerg, DK
2014Saudi Arabia: Teaching and social experiences. Institute Forum, University of Southern Denmark, Odense, DK
2015Lactose intolerance. Rybners Gymnasium, Esbjerg, DK
2016Diet-induced thrombin generation before and after gastric bypass. Research Club, Hospital of South West Jutland, Esbjerg, DK
2019Obesity Research and Teaching in Saudi Arabia. Senior Club, Department of Clinical Bio-chemistry, Hospital of South West Jutland, Esbjerg, DK
2020Obesity and fatty liver disease – caused by coagulation activation? (Citizen Science project). Research Steering group, Hospital of South West Jutland, Esbjerg, DK
2020Obesity and fatty liver disease – caused by coagulation activation? Clinical Diagnostic Department, Hospital of South West Jutland, Esbjerg, DK
2020Obesity and fatty liver disease. TV recording, TVSyd, DK
2020Clinical and biochemical aspects of fibrinogen γ' . Clinical Diagnostic Department, Hospital of South West Jutland, Esbjerg, DK
2021Lactose intolerance. Esbjerg Gymnasium, Esbjerg, DK
2022Tromboseforskning – fokus på fedme, Ribe Rotary, Ribe, DK
2022+2023Fedme og fedtlever – skal en af årsagerne findes i blodet, Forskningen Døgn, Sydvestjysk Sygehus, Esbjerg, DK
2022Obesity and fatty liver disease. TV recording, TVSyd, DK
2022Inaugural professor lecture. University Hospital of Southern Denmark, Esbjerg.
2022Thrombosis Research at Esbjerg Hospital – focus on obesity. UC Syd, Esbjerg, DK
In addition, several posters presented at scientific meeting and conferences during the last 25 years.
Selected scientific courses, meetings and conferences
Participation in scientific courses, meetings and conferences related to thrombosis, haemostasis, cardiovascular disease, nutrition, obesity, lifestyle, intervention studies, molecular biology, genetics, and chemometrics:
1996Leiden Fibrinolysis Workshop, Leiden, Holland
1997Congress of the International Society of Thrombosis and Haemostasis, Firenze, Italy
1997Danish Congress in Clinical Biochemistry, DK
1998Leiden Fibrinolysis Workshop, Leiden, the Netherlands
1998European Atherosclerosis Society, 70th EAS Congress, Geneva, Switzerland
1998The annual research day (Forskningens Døgn), Esbjerg, DK
1999Danish Congress in Clinical Biochemistry, DK
1999Preventive cardiology, Fredericia, DK
1999Genetic diagnostics and consequences, Odense, DK
2000Congress in gene technology and gene therapy, Vejle, DK
20005th European Congress on Menopause, Copenhagen, DK
2001Danish Congress in Clinical Biochemistry, DK
2001Congress of the International Society of Thrombosis and Haemostasis, Paris, France
2001Leiden Fibrinolysis Workshop, Leiden, the Netherlands
2002 + 2003Course in Chemometrics, Kolding, DK
2003Danish Institute for External Quality Assurance for Laboratories in the health sector (DEKS), Odense, DK
2003Danish Congress in Clinical Biochemistry, DK
2005Novo Nordic Symposium, Copenhagen, DK
2005Felfo Nutrition seminar, Copenhagen, DK
2005BioTEAMSouth 4th Molecules in Health Conference, Middelfart, DK
2006Nutrigenomics and Health, LMC International Food Congress, Copenhagen, DK
2006Diagnostica Stago meeting, Svendborg, DK
2007Planning of intervention studies, The Strategic Research Council, Helsingør, DK
2007Danish Congress in Clinical Biochemistry, DK
2008 + 2009The annual research day (Forskningens Døgn), Esbjerg, DK
2008Danish Society on Thrombosis and Haemostasis, Annual Meeting, DK
2009Strategic research in lifestyle disease. Strategic Research Council, Copenhagen, DK

2009 Strategic research in milk components. Strategic Research Council, Copenhagen, DK
2010 Center for Food Research (LMC) seminar, Slagelse, DK
2010 LMC meeting, Tostrup Gods, DK
2010 LMC network meeting, Copenhagen, DK
2011 Research Day in the Region of Southern Denmark (Åben Forskerdag), Fredericia, DK
2011 Food in Front, LMC-congress, Odense, DK
2011 Danish Research in Obesity – where are we, and where are we going?, Copenhagen, DK
2012 LMC network meeting, Copenhagen, DK
2012 Danish Society on Thrombosis and Haemostasis, Annual Meeting, DK
2012 National symposium in cardiac rehabilitation, Esbjerg, DK
2014 Institute Forum, SDU, DK
2014 Research Café, Hospital of South West Jutland, Esbjerg, DK
2014 Genes, diet, and body weight, Copenhagen, DK
2015 UCPH LOM Conference, Copenhagen, DK
2016 European Obesity Summit, Göteborg, Sweden
2016 Danish Society on Thrombosis and Haemostasis, Annual Meeting, DK
2017 Workshop on Steno Diabetes Center Odense, Middelfart, DK
2017 International Congress on Thrombosis and Haemostasis, Berlin, Germany
2017 Responsible Conduct of Research, University of Southern Denmark, Odense, DK
2018 Strategic Seminar on Obesity, Esbjerg, DK
2019 The annual research day (Forskningens Døgn), Esbjerg, DK
2019 European Congress on Thrombosis and Haemostasis, Glasgow, Scotland
2019 Course in RedCap OPEN, Odense, DK
2021 Research leader course, Region of Southern Denmark
2021 Research leader course, University of Southern Denmark
2021 Research seminar, Clinical Diagnostic Department, Hospital of South West Jutland, Esbjerg, DK (organizer)
2021 Research Academy, Clinical Diagnostic Department, Hospital of South West Jutland, Esbjerg, DK (organizer)
2022 Effective research – increasing value by reducing waste, Region of Southern Denmark, DK
2022 Accelerate Health Innovation Across Boundaries – The Access & Acceleration Final Conference (online)
2022 Mindfulness course, Knebel, DK
2022 26th International Fibrinogen Research Society Workshop, Vevey, Switzerland
2022 Strategic Research Seminar at University Hospital of Southern Denmark, Tønder, DK
2023 LØFT course for research leaders, University of Southern Denmark
2023 Seminar for research leaders, University of Southern Denmark

Peer-reviews

2009 Editor of the book “Sygdomslære for ikke-klinikere”, Munksgaards Forlag

Peer reviewer at 18 scientific journals:

- Thrombosis and Haemostasis
- Blood Coagulation and Fibrinolysis
- Haematologica
- Atherosclerosis
- JAMA
- Thrombosis Research
- Scandinavian Journal of Clinical and Laboratory Investigation
- Arteriosclerosis Thrombosis and Vascular Biology
- European Journal of Clinical Investigation
- Journal of Thrombosis and Haemostasis
- British Journal of Nutrition
- Current Medical Research and Opinion
- Nutrition Research Review
- Diabetes Obesity and Metabolism
- PlosOne
- Clinical Nutrition
- Food and Function
- Nutrition, Metabolism, and Cardiovascular Disease

Member of scientific boards

2008 – 2011 Research Advisory Board, Centre for Advanced Food Studies (FOKO), DK

2010 – 2016 Network on “Individualised Nutrition and Health”, DK

2014 – 2019 PhD assessment board, University of Southern Denmark, DK

2015 PhD review Board, University of Southern Denmark, DK

2014 Postdoc assessment board, University of Southern Denmark, DK

2015 Steering group on “Obesity research in the hospital setting”, Hospital of South West Jutland, Esbjerg, DK

2016 Postdoc assessment board, University of Southern Denmark, DK

2018 Research Steering group, Hospital of South West Jutland, Esbjerg, DK

2019 Associate Professor assessment board, Institute of Public Health, University of Southern Denmark, DK

2019 Steering group on “Heart, Kidney, and Circulation”, Research Education Programme (FUP), University of Southern Denmark, DK

2020 →Clinical Diagnostic Department Academy, Hospital of South West Jutland, Esbjerg, DK
2021 Associate Professor assessment board, Department of Regional Health Research, University of Southern Denmark, DK
2021 National Research Foundation assessment board, South Africa
2021 Research board, "A German-Danish innovation network for better healthcare", Interreg
2022 Grant application assessment board, Trombosesichting Nederland, The Netherlands
2023 Assessment Board, Free and Strategic Research Foundation, Region of Southern Denmark
2023 Steering group for cross-sectional research in patient care, Region of Southern Denmark

Management experiences

1995-2023 Head of the Molecular Biology Laboratory, Department of Clinical Biochemistry, Hospital of South West Jutland, DK
2001 Manager of three university teaching modules (The Body and Public Health, Human Diseases and Public Health, Lifestyle and Cardiovascular Disease) at the Bachelor education in Public Health Science at University of Southern Denmark, DK
2013 + 2014 Manager of one university teaching module (The Body and Public Health) at the Bachelor education in Health Promotion and Health Education at Nora Bint Abdul Rahman University, Riyadh, Saudi Arabia
2019 Manager of one university teaching module (Woman, mother and child) at the Master education in Medicine (Esbjerg) at University of Southern Denmark, DK
2020 →Manager of the PhD course "Cardiovascular diseases and the haemostatic balance" at University of Southern Denmark, DK
2021 →Member of the laboratory management group, Clinical Diagnostics Department, Hospital of South West Jutland, DK

Research management

During the last 29 years, I have been the responsible manager of more than 25 research projects, including:

- Interventions studies on diet, physical training, medications, and cardiac rehabilitation in relation to thrombotic risk markers in normal-weight and overweight patient groups and healthy individuals
- Population studies on genetic and plasma thrombotic risk markers, and on optimization of vitamin K antagonist therapy
- Laboratory aspects of genetic and plasma thrombotic risk markers
- Effects of obesity surgery on atherosclerotic and thrombotic risk markers
- Effects of fibrinogen variants on obesity, inflammatory diseases, and thrombosis
- Effects of hormones in transgender men and women on hemostasis

Research management includes the following selected projects and administration of funding received for the projects:

1992 – 1996 Activation of blood coagulation FVII: Biochemical and physiological aspects related to dietary fat intake
1998 – 1999 Genetic variations in cardiovascular risk genes and longevity
1998 – 2000 Dietary FVII activation and postprandial thrombin generation in patients with coronary atherosclerosis
2001 – 2002 Internal quality control of PCR-based genotyping methods
2001 – 2003 Inflammation, haemostasis, and atherosclerosis in the Glostrup Study
2003 – 2006 Emerging Risk Factor Collaboration (ERFC) in the Glostrup Study
2004 – 2006 Genetic influence on thrombotic risk markers – a Danish twin study
2004 – 2007 Short and long term effects of cardiac rehabilitation on thrombotic risk marker
2005 – 2008 Coagulant activity of blood coagulation FVIIa under different conditions in vitro
2007 – 2011 Genetic, clinical, and behavioural determinants of vitamin K-antagonist dose and re-sponse
2006 – 2010 Effects of different insulin regimes on postprandial coagulation activation
2006 – 2010 Effects of Willett's dietary pyramid on haemostatic and inflammatory risk markers
2013 Cardiovascular biomarkers in arterialized venous blood
2013 – 2017 Haemostatic effects of physical training in overweight men
2015 – 2018 Effects of physical training after gastric bypass on risk markers within haemostasis and inflammation
2017 Meal-induced thrombin generation in obese women and men before and after gastric bypass – a model of intentional weight loss
2018 – 2019 The effects of sampling from a peripheral venous catheter compared to repeated venepunctures on markers of coagulation, inflammation, and endothelial function
2018 Identification of new thrombotic risk markers
2019 Incidence of stroke in type 2 diabetes patients with altered fibrinogen molecules
2019 The South Danish Obesity Initiative
2020 Tissue fibrin formation in obesity and inflammatory liver diseases: effects of fibrinogen variants and obesity surgery (this project represented the Hospital of South West Jutland in "Citizen Science in Region of Southern Denmark", 2020)
2022 Effects of hormones in transgender men and women on hemostasis

Selected funding

2001 1,000,000 Dkr from Syddansk Sundhedsvidenskabeligt Forsknings-forum for the project: "Genetic contribution to blood concentrations of haemostasis and inflammatory cardiovascular risk factors in the elderly"
2006 75,000 Dkr from Novo Nordic for the project: "Activity of recombinant factor VIIa under different conditions in vitro: Effect of temperature, pH, and hemodilution"

2007300,000 Dkr from Novo Nordic for the project: "Effect of different insulin regimes on postprandial coagulation activation in patients with type 2 diabetes"

20073,972,548 Dkr from The Danish Research Council for the project: "How to individualise vitamin K-antagonist treatment? A study on the influence of gene-environment interactions on inter- and intra-individual variations in dose-response"

2008388,000 Dkr from The Faculty of Health Sciences, University of Southern Denmark for the project: "Effects of diets differing in type and amount of fat and carbohydrates on cardio-vascular risk markers within coagulation, fibrinolysis, and inflammation (MUFObes)"

201158,000 Dkr from Karola Jørgensen's Fund for the project: "Effects of gene- and environmental interactions on the inter- and intraindividual variation in dose and response of vit-amin K-antagonist treatment"

2017467,000 Dkr from the Bariatric Research Fund for PhD student Line Espenhain Landgrebe

2018546,000 Dkr from the Region of Southern Denmark's PhD Fund for PhD student Line Espenhain Landgrebe

2018255,000 Dkr from Lida og Oskar Nielsen's Fund for PhD student Line Espenhain Landgrebe

2018306,207 Dkr from Region of Southern Denmark's Research Fund for the project: "Meal-induced thrombin generation before and after gastric bypass: a model of intentional weight loss"

201945,000 Dkr from Karola Jørgensen's Fund for the project: "Identification of new risk markers for thrombosis"

2020499,500 Dkr from Steno Diabetes Center Odense for PhD student Nicoline Ostermann Lorenzen

2020578,000 Dkr from the Region of Southern Denmark's PhD Fund for PhD student Nadja Bødker Pedersen

2020578,000 Dkr from the Region of Southern Denmark's PhD Fund for PhD student Nicoline Ostermann Lorenzen

20201,000,000 Dkr from "Citizen Science in Region of Southern Denmark"

2021333,464 Dkr from Faculty of Health Sciences, University of Southern Denmark (PhD student Nadja Bødker Pedersen)

International relations

- Moniek de Maat, Professor, Erasmus University Medical Center, Rotterdam, The Netherlands
 - John Danesh, Professor, University of Cambridge, England
 - Coen Mass, Professor, University Medical Centre Utrecht, The Netherlands
 - Matthew Flick, Associate Professor, University of North Carolina, Chapel Hill, North Carolina
 - Guy T'Sjoen, Professor, Gent University Hospital, Gent, Belgium
 - Martin den Heijer, Professor, Amsterdam University Medical Center, Amsterdam, The Netherlands
- Further, collaboration with more than 15 national research groups.

Supervision

2001 Supervisor for six Bachelor and three Master students in Public Health Science and Bio-medicine at University of Southern Denmark, DK

2011 – 2016 Supervisor for five high-school student's study projects (SRP), Rybners Gymnasium, Esbjerg, DK

2017 + 2018 Supervisor for internships for three Master students in Public Health Science, University of Southern Denmark, DK

2020 Supervisor for one Lecturer Training Program, University of Southern Denmark, DK

2021 Supervisor for a Dutch internship, Medical Engineering, Eindhoven, The Netherlands

2022 Supervisor for three Lecturer Training Programs, University of Southern Denmark, DK

Supervisor for the following PhD and Postdoc students and projects:

1995 – 1998 Monounsaturated fats and thrombosis – dietary studies focusing on postprandial activation of blood coagulation factor VII. PhD student Lone Frost Larsen - in collaboration with the Royal Veterinary and Agricultural University, Copenhagen, DK (co-supervisor)

1999 – 2001 Animal models in thrombosis Research. PhD student Aage Kristian Olsen - in collaboration with the Royal Veterinary and Agricultural University, Copenhagen, DK (co-supervisor)

2010 – 2012 How to individualize vitamin K-antagonist treatment? An explorative study on the influence of gene-environment interactions on inter- and intra-individual variations in dose-response. Postdoc Jane Skov

2013 – 2017 Effects of active commuting and leisure time exercise on cardiovascular biomarkers and motivation to exercise in overweight and obese women and men. PhD student Anne Sofie Gram - in collaboration with the Department of Biomedical Sciences, University of Copenhagen, DK (co-supervisor)

2012 – 2018 Supervised physical training following Roux-En-Y gastric bypass – effects on weight loss, physical capacity and cardiovascular risk markers. PhD student Lene Hymøller Mundbjerg - in collaboration with Department of Endocrinology, Hospital of South West Jutland, Esbjerg, DK (co-supervisor)

2015 – 2018 Short-term and long-term effects of gastric bypass and supervised physical training after gastric bypass on physical activity, health related quality of life and biomarkers of cardio-vascular disease. PhD student Charlotte Røn Stolberg - in collaboration with Department of Endocrinology, Hospital of South West Jutland, Esbjerg, DK (co-supervisor)

2017 Meal-induced thrombin generation before and after gastric bypass: a model of intentional weight loss". PhD student Line Espenhain Landgrebe - in collaboration with Department of Endocrinology, Hospital of South West Jutland, Esbjerg, DK (main supervisor)

2020 Incidence of stroke in type 2 diabetes patients with altered fibrinogen molecules. PhD student Nicoline Ostermann Lorenzen - in collaboration with Steno Diabetes Centre Odense, DK (co-supervisor)

2021 Tissue fibrin formation in obesity and inflammatory liver disease: effects of fibrinogen variants and obesity surgery. PhD applicant Nadja Bødker Pedersen - in collaboration with Department of Gastroenterology, Hospital of South West Jutland, Esbjerg, DK (main supervisor)

2021 → Thromboembolism in anorexia nervosa – a registry-based study of a national cohort and a case-control study of the haemostatic balance, and its association with nutritional status, insulin, and cortisol (protocol approved). PhD student

Jeanie Meincke Egedal – in collaboration with Department of Endocrinology, Odense University Hospital, DK (co-supervisor)

Selected teaching-related activities

1996 – 2018 Teaching for technicians (DNA-technology in clinical biochemistry), "Danske bioanalytikere", Hospital of South West Jutland, DK, each year in the period.

2001 University teaching (nutrition, cell biology, molecular biology, lifestyle and cardiovascular disease) at the educations in Public Health Science and Medicine at University of Southern Denmark, DK, each semester, including written and oral examinations.

2013 + 2014 University teaching (The Body and Public Health) at the Bachelor education in Health Promotion and Health Education at Nora Bint Abdul Rahman University (PNU), Riyadh, Saudi Arabia, including written examinations.

2000 Teaching at PhD courses (Polymorphisms of the haemostatic system and risk of cardio-vascular disease, Obesity and Hemostasis) at University of Southern Denmark

2007 Teaching for medical doctors (Quality control of PCR-based DNA analyses) (A-kursus), Hospital of South West Jutland, Esbjerg, DK

2017 Teaching for profession bachelors (Writing a research protocol), Hospital of South West Jutland, Esbjerg, DK. Educational training courses

2000 Assistant Professor Training courses, University of Southern Denmark, DK

2006 Teaching principles and activation of students, Teaching course 1, University of Southern Denmark, DK

2006 Teaching in minor groups, Teaching course 2, University of Southern Denmark, DK

2006 Examinations and tests, Teaching course 3, University of Southern Denmark, DK

2021 Itslearning, University of Southern Denmark, DK

2021 Teaching courses for module coordinators of the Master education in Medicine, Hospital of South West Jutland, Esbjerg, DK

Member of study boards

2001 Module coordinator of three modules at the Bachelor education in Public Health, University of Southern Denmark, DK

2002 – 2006 Censor in Animal Science, DK

2002 – 2011 Interview panel ("kvote 2") at the education in Public Health Science, University of Southern Denmark, DK

2003 – 2018 Study Board at the education in Public Health Science, University of Southern Denmark, DK

2005 – 2007 Working Group on the revision of the Bachelor education in Public Health Science, University of Southern Denmark, DK

2005 – 2007 Working Group on the revision of the Bachelor education in Medicine and Bio-mechanics, University of Southern Denmark, DK

2006 – 2010 Advisory board at the education in Public Health Science, University of Southern Denmark, DK

2009 Editor at Munksgaards Forlag, Copenhagen, DK

2013 + 2014 Module coordinator of Body and Public Health, PNU, Riyadh, Saudi Arabia

2019 Module coordinator of "Woman, mother and child" at the Master education in Medicine, Hospital of South West Jutland, Esbjerg, DK

2019 Three working groups on the Master education in Medicine, Hospital of South West Jutland, Esbjerg, DK

2020 → Working Group on teaching for high school students in Esbjerg, Clinical Diagnostics Department, Hospital of South West Jutland, DK

2021 → Clinical Diagnostics for students in the Master education in Medicine, Hospital of South West Jutland, Esbjerg, DK

2022 Workshop Master of Medicine, Danhostel, Esbjerg

Publication statistics (using Scopus)

Total number of publications: 101

H-index: 32

Link to complete list of publications from Pubmed: <https://pubmed.ncbi.nlm.nih.gov/?term=Bladbjerg>

Peer-reviewed publications

Bladbjerg EM, Marckmann P, Sandström B, Jespersen J. Non-fasting factor VII coagulant activity (FVII:C) increased by high-fat diet. *Thromb Haemost* 1994;71:755-8.

Bladbjerg EM, Jespersen J, Gram J. A new automated method for continuous registration of factor VII activation in vitro. Activation is accelerated by the concentration of factor VII and the activity state of the pro-tein. *Scand J Clin Lab Invest* 1994;54:505-14.

Bladbjerg EM, Marckmann P, Tholstrup T, Jespersen J. Dietary changes in fasting levels of factor VII coagulant activity (FVII:C) are accompanied by changes in factor VII protein and other vitamin K-dependent pro-teins. *Thromb Haemost* 1995;73(2):239-42.

Bladbjerg EM, Overgaard K, Gram J, Jespersen J. The protein concentration of blood coagulation factor VII can be measured equally well in plasma and serum. *Scand J Clin Lab Invest* 1995;55:267-71.

Marckmann P, Bladbjerg EM, Jespersen J. Dietary fish oil (4 g daily) and cardiovascular risk markers in healthy men. *Arterioscler Thromb Vasc Biol* 1997;17:3384-91.

Larsen LF, Bladbjerg EM, Jespersen J, Marckmann P. Effects of dietary fat quality and quantity on postprandial activation of blood coagulation factor VII. *Arterioscler Thromb Vasc Biol* 1997;17:2904-9.

De Maat MPM, Bladbjerg EM, Johansen LG, Bentzen J, Jespersen J. p11/A2 polymorphism of platelet glyco-protein IIIa and risk of cardiovascular disease. *Lancet* 1997;349:1099-1100.

Bladbjerg EM, Møller L, Jespersen J. Association of factor VII protein concentration with lifestyle factors. *Scand J Clin Lab Invest* 1998;58:323-30.

Marckmann P, Bladbjerg EM, Jespersen J. Diet and blood coagulation factor VII - a key protein in arterial thrombosis. *Eur J Clin Nutr* 1998;52:75-84.

de Maat MPM, Bladbjerg EM, Johansen LG, Gram J, Jespersen J. Absence of prothrombin mutation in Inuit (Greenland Eskimos). Letter. *Thromb Haemost* 1998;79:882.

Bladbjerg EM, Møller L, Jespersen J. Is factor VII protein concentration (FVII:Ag) a thrombotic risk indicator? Letter. *Thromb Haemost* 1998;79:1064-5.

De Maat MPM, Bladbjerg EM, Johansen LG, de Knijff P, Gram J, Kluff C, Jespersen J. DNA-polymorphisms and plasma levels of vascular disease risk indicators in Greenland Inuit: Is there a relation with the low risk of cardiovascular disease in the Inuit? *Thromb Haemost* 1999;81:547-52.

Bladbjerg EM, Andersen-Ranberg K, De Maat MPM, Kristensen SR, Jeune B, Gram J, Jespersen J. Longevity is independent of common variations in genes associated with cardiovascular risk. *Thromb Haemost* 1999;82:1100-5.

Olsen AK, Hansen AK, Jespersen J, Marckmann P, Bladbjerg EM. The pig as a model in blood coagulation and fibrinolysis research. *Scand J Lab Anim Sci* 1999;26:214-24.

Ottesen L, Bladbjerg EM, Osman M, Lausten SB, Jacobsen NO, Gram J, Jensen SL. Protein C activation during the initial phase of experimental acute pancreatitis in the rabbit. *Dig Surg* 1999;16:486-95.

Gram J, Bladbjerg EM, Møller L, Sjøel A, Jespersen J. Tissue-type plasminogen activator and C-reactive protein in acute coronary heart disease. A nested case-control study. *J Intern Med* 2000;247:205-12.

Larsen LF, Bladbjerg EM, Jespersen J, Østergaard PB, Marckmann P. The link between high-fat meals and postprandial activation of blood coagulation factor VII possibly involves kallikrein. *Scand J Clin Lab Invest* 2000;60:45-54.

Bladbjerg EM, Gram J, Jespersen J. Plasma concentrations of blood coagulation factor VII measured by immunochemical and amidolytic methods. *Scand J Clin Lab Invest* 2000;60:161-8.

Bladbjerg EM, Münster AM, Marckmann P, Keller N, Jespersen J. Dietary factor VII activation does not increase plasma concentrations of prothrombin fragment 1+2 in patients with stable angina pectoris and coronary atherosclerosis. *Arterioscler Thromb Vasc Biol* 2000;20:2494-9.

Bladbjerg EM, Larsen LF, Østergaard P, Jespersen J. In vitro effects of heparin and tissue factor pathway inhibitor (TFPI) on factor VII assays. Possible implications for measurements in vivo after heparin therapy. *Blood Coagul Fibrinolysis* 2000;11:739-45.

Olsen AK, Larsen LF, Bladbjerg EM, Hansen AK, Jespersen J, Marckmann P. A high-fat meal does not activate blood coagulation factor VII in minipigs. *Blood Coagul Fibrinol* 2001;12:117-22.

Olsen AK, Bladbjerg EM, Jensen AL, Hansen AK. Effect of pre-analytical handling on haematological variables in minipigs. *Lab Animal* 2001;35:147-52.

Tan Q, Yashin AI, Bladbjerg EM, De Maat MPM, Andersen-Ranberg K, Jeune B, Christensen K, Vaupel JW. Variations of cardiovascular disease associated genes exhibit sex-dependent influence on human longevity. *Exp Gerontol* 2001;36:1303-15.

Olsen AK, Bladbjerg EM, Hansen AK, Marckmann P. A high fat meal activates blood coagulation factor VII in rats. *J Nutr* 2002;132:347-50.

Munster AM, Olsen AK, Bladbjerg EM. Usefulness of human coagulation and fibrinolysis assays in domestic pigs. *Comp Med* 2002;52:39-43.

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