

Education

1997	Doctorate dissertation (Ph.D) from Odense University
1989	Diploma in Specialized Business Studies, Esbjerg Business Academy
1977	BSc (Laboratory Technology), Centrallaboratoriet, Centralsygehuset, Holstebro
1972	Graduated Holstebro Gymnasium

Employment

1998 - 2009	Assistant professor, Unit for Thrombosis Research, Department of Public Health, University of Southern Denmark
1997	PhD fellow, Faculty of Health Sciences, Odense University

Research outputs

Contact activated kallikrein generation is reduced six months after gastric bypass

Bladbjerg, E., Stolberg, C. R., Hymøller Mundbjerg, L., Gram, B., Palarasah, Y., Juhl, C. B., Sidelmann, J. J. & Gram, J. B., Nov 2021, In: *Thrombosis Research*. 207, p. 50-54

Effect of Anabolic-Androgenic Steroid Abuse on the Contact Activation System

Sidelmann, J. J., Gram, J. B., Palarasah, Y., Rasmussen, J. J. & Kistorp, C. M., Oct 2021, In: *Thrombosis and Haemostasis*. 121, 10, p. 1268-1273

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Effect of remote ischemic preconditioning on fibrin formation and metabolism in patients undergoing hip fracture surgery: a randomized clinical trial

Wahlstrøm, K. L., Ekeloef, S., Sidelmann, J. J., Gögenur, I. & Münster, A-M. B., Sep 2021, (Accepted/In press) In: *Blood Coagulation and Fibrinolysis*.

Dysfibrinogenemia – Potential impact of genotype on thrombosis or bleeding

Bor, M. V., Feddersen, S., Pedersen, I. S., Sidelmann, J. J. & Kristensen, S. R., 14. Jul 2021, (E-pub ahead of print) In: *Seminars in Thrombosis and Hemostasis*. 30 p.

Pericoronary adipose tissue attenuation in low-risk asymptomatic individuals, sex-differences and association with markers of cardiovascular disease

Shanmuganathan, N., Ramanathan, R., Dey, D., Goeller, M., Kusk, MW., Sidelmann, JJ., Norgaard, BL., Gram, JB. & Sand, NPR., May 2021, In: *European Journal of Preventive Cardiology*. 28, Suppl. 1, p. zwab061.450 2 p.

Anabolic androgenic steroid abuse impairs fibrin clot lysis

Sidelmann, J. J., Gram, J. B., Rasmussen, J. & Kistorp, C., 2021, In: *Seminars in Thrombosis and Hemostasis*. 47, 1, p. 11-17

Fibrin lysability is associated with central obesity and inflammation in women with polycystic ovary syndrome

Godtfredsen, A. C. M., Sidelmann, J. J., Gram, J. B., Skovsager Andersen, M. & Glintborg, D., Aug 2020, In: *Acta Obstetrica et Gynecologica Scandinavica*. 99, 8, p. 1078-1084

Menopausal Hormone Therapy (MHT) and Venous Thrombosis

Skouby, S. O. & Sidelmann, J. J., Jul 2020, *Managing the Menopause*. Panay, N., Briggs, P. & Kovacs, G. T. (eds.). 2nd ed. Cambridge: Cambridge University Press, p. 223-233

Orthognathic Surgery-Induced Fibrinolytic Shutdown Is Amplified by Tranexamic Acid

Sidelmann, J. J., Gram, J. B., Godtfredsen, A. C. M., Thorn, J. J., Ingerslev, J. & Pinholt, E. M., Jul 2020, In: *Journal of Oral and Maxillofacial Surgery*. 78, 7, p. 1183-1189

Contact activation-induced complex formation between complement factor H and coagulation factor XIIa

Thangaraj, S. S., Christiansen, S. H., Graversen, J. H., Sidelmann, J. J., Hansen, S. W. K., Bygum, A., Gram, J. B. & Palarasah, Y., Apr 2020, In: Journal of Thrombosis and Haemostasis. 18, 4, p. 876-884

Prenatal exposure to perfluorodecanoic acid is associated with lower circulating concentration of adrenal steroid metabolites during mini puberty in human female infants. The Odense Child Cohort

Jensen, R. C., Glintborg, D., Timmermann, A., Nielsen, F., Kyhl, H. B., Frederiksen, H., Andersson, A-M., Juul, A., Sidelmann, J. J., Andersen, H. R., Grandjean, P., Skovsager Andersen, M. & Jensen, T. K., Mar 2020, In: Environmental Research. 182, p. 109101 109101.

Citrullination of fibrinogen by peptidylarginine deiminase 2 impairs fibrin clot structure

Damiana, T., Damgaard, D., Sidelmann, J. J., Nielsen, C. H., de Maat, M. P. M., Münster, A-M. B. & Palarasah, Y., Feb 2020, In: Clinica Chimica Acta. 501, p. 6-11

Nomenclature of Factor XI and the Contact System

Schmaier, A. H., Emsley, J., Feener, E. P., Gailani, D., Govers-Riemslog, J. WP., Kaplan, A. P., Maas, C., Morrisey, J. H., Renné, T., Sidelmann, J. J. & Meijers, J. CM., Dec 2019, In: Journal of Thrombosis and Haemostasis. 17, 12, p. 2216-2219 4 p.

The effects of sampling from a peripheral venous catheter compared to repeated venepunctures on markers of coagulation, inflammation, and endothelial function

Espenhain Landgrebe, L., Schlosser Mose, L., Palarasah, Y., Sidelmann, J. J. & Bladbjerg, E., Dec 2019, In: Scandinavian journal of clinical and laboratory investigation. 79, 8, p. 584-589

Carotid plaque composition by CT angiography in asymptomatic subjects: a head-to-head comparison to ultrasound

Ramanathan, R., Dey, D., Nørgaard, B. L., Goeller, M., Bjerrum, I. S., Antulov, R., Diederichsen, A. C. P., Sidelmann, J. J., Gram, J. B. & Sand, N. P., Nov 2019, In: European Radiology. 29, 11, p. 5920-5931

The effects of sampling from a peripheral venous catheter compared to repeated venepunctures on markers of coagulation, inflammation, and endothelial function

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Espenhain Landgrebe, L., Schlosser Mose, L., Sidelmann, J. J., Palarasah, Y. & Bladbjerg, E., Oct 2019.

Sex difference in fibrin clot lysability: association with coronary plaque composition

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Impact of progestogens on hemostasis

Skouby, S. O. & Sidelmann, J. J., 1. Jan 2019, In: Hormone Molecular Biology and Clinical Investigation. 37, 2, 20180041.

The effect of Tranexamic acid and Gender on Intraoperative Bleeding in Orthognathic Surgery: A Randomized Controlled Trial

Jared Secher, J., Sidelmann, J. J., Ingerslev, J., Thorn, J. J. & Pinholt, E. M., Jun 2018, In: Journal of Oral and Maxillofacial Surgery. 76, 6, p. 1327-1333

Sex difference in clot lysability and association to coronary artery calcification

Ramanathan, R., Rønnow Sand, N. P., Sidelmann, J. J., Nørgaard, B. L. & Gram, J. B., 13. Feb 2018, In: Biology of Sex Differences. 9, 7 p., 9.

Anabolic androgenic steroid abuse: the effects on thrombosis risk, coagulation, and fibrinolysis

Chang, S., Münster, A-M. B., Gram, J. B. & Sidelmann, J. J., 2018, In: Seminars in Thrombosis and Hemostasis. 44, 8, p. 734-746

Citrullination of fibrinogen impacts fibrin fiber properties

Damiana, T., Damgaard, D., Sidelmann, J. J., Münster, A-M. B. & Palarasah, Y., 2018.

Genome-wide analysis of genetic determinants of circulating factor VII-activating protease (FSAP) activity

Olsson, M., Stanne, T. M., Pedersen, A., Lorentzen, E., Kara, E., Martinez-Palacian, A., Rønnow Sand, N. P., Jacobsen, A. F., Sandset, P. M., Sidelmann, J. J., Engström, G., Melander, O., Kanse, S. M. & Jern, C., 2018, In: Journal of Thrombosis and Haemostasis. 16, 10, p. 2024-2034

Procoagulant State in Current and Former Anabolic Androgenic Steroid Abusers

Chang, S., Rasmussen, J. J., Frandsen, M. N., Schou, M., Johansen, M. L., Faber, J., Münster, A-M. B., Sidelmann, J. J. & Kistorp, C., 2018, In: Thrombosis and Haemostasis. 118, 4, p. 647-653 7 p.

Revisiting the Phadia/EliA cut-off values for anticardiolipin and anti- β 2-glycoprotein I antibodies: a systematic evaluation according to the guidelines

Bor, M. V., Jacobsen, I. L. S., Gram, J. B. & Sidelmann, J. J., 2018, In: Lupus. 27, 9, p. 1446-1454

Fast form alpha-2-macroglobulin: A marker for protease activation in plasma exposed to artificial surfaces

Biltoft, D., Gram, J. B., Larsen, A., Münster, A-M. B., Sidelmann, J. J., Skjødt, K. & Palarasah, Y., Sep 2017, In: Clinical Biochemistry. 50, 18, p. 1203-1208

Generation of a monoclonal antibody against fast form alpha-2-macroglobulin and development of a method to measure artificial surface driven protease activation in plasma

Biltoft, D., Sidelmann, J. J., Gram, J. B. & Palarasah, Y., 8. Jul 2017.

Increased kallikrein generation potential in patients suffering from hereditary angioedema

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Kluft, C., Jespersen, J., Govers-Riemslog, J. W. & Sidelmann, J. J., 2017. 1 p.

Factor VII-activating protease: sex-related association with coronary artery calcification

Ramanathan, R., Gram, J. B., Sand, N. P. R., Nørgaard, B. L., Diederichsen, A. C. P., Vitzthum, F., Schwarz, H. & Sidelmann, J. J., 2017, In: Blood Coagulation and Fibrinolysis. 28, 7, p. 558-563

Can preoperative sex-related differences in hemostatic parameters predict bleeding in orthognathic surgery?

Jared Olsen, J., Ingerslev, J., Thorn, J. J., Pinholt, E. M., Gram, J. B. & Sidelmann, J. J., Aug 2016, In: Journal of Oral and Maxillofacial Surgery. 74, 8, p. 1637-1642

Calibrated kallikrein generation in human plasma

Biltoft, D., Sidelmann, J. J., Olsen, L. F., Palarasah, Y. & Gram, J., 29. Jun 2016, In: Clinical Biochemistry. 49, 15, p. 1188-1194

Thrombin generation by contact pathway: choice of activator?

Chang, S., Billoft, D., Sidelmann, J. J., Gram, J. B. & Bor, V., 14. Jun 2016.

Gender Differences in Fibrin Polymerization and Lysability of Fibrin in Patients with Atrial Fibrillation

Gram, J. B., Skov, J., Bladbjerg, E-M., Sidelmann, J. J. & Jespersen, J., Feb 2016, In: Journal of Stroke & Cerebrovascular Diseases. 25, 2, p. 292-297

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Melin, A. K., Tornberg, Å. B., Skouby, S. O., Møller, S. S., Sundgot-Borgen, J., Faber, J., Sidelmann, J. J., Aziz, M. & Sjödén, A., Oct 2015, In: Scandinavian Journal of Medicine & Science in Sports. 25, 5, p. 610-622

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C1-inhibitor polymers activate the FXII-dependent kallikrein-kinin system: Implication for a role in hereditary angioedema

Elenius Madsen, D., Sidelmann, J. J., Billoft, D., Gram, J. B. & Hansen, S., 2015, In: B B A - General Subjects. 1850, 6, p. 1336-1342

Increased thrombin generation in women with polycystic ovary syndrome: A pilot study on the effect of metformin and oral contraceptives

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Lysability of fibrin clots is a potential new determinant of stroke risk in atrial fibrillation

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Loose fibrin structure and enhanced lysability in patients with atrial fibrillation and stroke

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Loose fibrin structure and enhanced lysability in patients with atrial fibrillation and stroke

Skov, J., Sidelmann, J. J., Bladbjerg, E-M., Jespersen, J. & Gram, J. B., 6. Jul 2014.

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Gram, A. S., Skov, J., Ploug, T., Sidelmann, J. J., Stallknecht, B. M. & Bladbjerg, E-M., Jun 2014, In: Blood Coagulation and Fibrinolysis. 25, 4, p. 349-352 4 p.

Difference in fibrinolytic capacity in young patients with venous thrombosis or ischaemic stroke

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Fibrinolyse

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Presence of C1-inhibitor Polymers in a Subset of Patients Suffering from Hereditary Angioedema

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Activation of FXII-dependent coagulation pathway by hand heating

Skov, J., Gram, A. S., Plough, T., Sidelmann, J. J., Stallknecht, B. M. & Bladbjerg, E-M., 1. Jul 2013.

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Perceived stress predicts the stability of vitamin K-antagonist treatment in a prospective observational study of patients attending an anticoagulant clinic

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Multivariate analysis of genetic, behavioural and socio-psychological determinants of vitamin K-antagonist dose

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Multivariate analysis of the relation between diet and vitamin K-antagonists

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New biomarkers – anything in the pipeline

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A homogeneous sandwich immunoassay for quantification of prothrombin fragment 1+2 based on an immune complex specific antibody

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Direct chromogenic substrate immuno-activity assay for testing of factor VII-activating protease

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Sidelmann, J. J., Skouby, S. O., Vitzthum, F., Schwarz, H. & Jespersen, J., 2010, In: Climacteric. 13, 4, p. 340-346 7 p.

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Qualitative detection of the Marburg I alloenzyme of factor VII-activating protease by an immunoassay and its comparison to PCR testing

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