

Business addresses

Jakob Grauslund, MD, PhD, DMSc
Head of Research, Clinical Professor
Consultant in Ophthalmology

Department of Ophthalmology
Odense University Hospital
Sdr. Boulevard 29
DK – 5000 Odense C
Denmark

Research Unit of Ophthalmology
Department of Clinical Research
Faculty of Health Science
University of Southern Denmark
J. B. Winsløws Vej 19, 3
DK – 5000 Odense C
Denmark

Phone: +45 6541 2782
Fax: +45 6612 6387
E-mail: jakob.grauslund@rsyd.dk

Education

1993-1996: High School Student. Haderslev Katedralskole, Haderslev, Denmark

1997-2004: Medical Student. Faculty of Health Science, University of Southern Denmark, Odense, Denmark

2006-2009: PhD Student. Institute of Clinical Research, Faculty of Health Science, University of Southern Denmark, Odense, Denmark, and Department of Ophthalmology, Odense University Hospital, Odense, Denmark

2010-2011: Teacher-Training Programme for Assistant Lecturers at the University of Southern Denmark [Universitetspædagogikum], University of Southern Denmark, Odense, Denmark

2013-2014: Career Development Programme for Younger Researchers, University of Southern Denmark, Odense, Denmark

2014: Research Management Course, Copenhagen Business School, Copenhagen, Denmark

Employment - clinically

2004-2005: Intern, Department of Orthopaedics, Funen Hospital, Svendborg, Denmark

2005: Intern, Department of Medicine, Funen Hospital, Svendborg, Denmark

2005-2006: Intern, General Practitioners Bak and Helmer Hansen, Odense, Denmark

2006: Resident, Department of Ophthalmology, Odense University Hospital, Odense, Denmark

2009-2010: Resident, Department of Ophthalmology, Odense University Hospital, Odense, Denmark

2010-2011: Resident, Department of Ophthalmology, Vejle Hospital, Vejle, Denmark

2011-2013: Resident, Department of Ophthalmology, Odense University Hospital, Odense, Denmark

2013: Senior resident, Practicing ophthalmologist Rune Rask, Odense, Denmark.

2013-2014: Senior resident, Department of Ophthalmology, Odense University Hospital, Odense, Denmark

2014-2015: Staff specialist, Department of Ophthalmology, Odense University Hospital, Odense, Denmark

2015-ongoing: Consultant, Department of Ophthalmology, Odense University Hospital, Odense, Denmark

Employment – academically

2006-2009: PhD Student. Faculty of Health Science, University of Southern Denmark, Odense, Denmark, and Department of Ophthalmology, Odense University Hospital, Odense, Denmark

2010-2012: Post Doctoral Fellow. Department of Ophthalmology, Odense University Hospital, Odense, Denmark

2012-2015: Associate professor. Faculty of Health Science, University of Southern Denmark, Odense, Denmark

2013-ongoing: Head of Research. Research Unit of Ophthalmology, Odense University Hospital, Odense, Denmark

2015-ongoing: Clinical professor. Faculty of Health Science, University of Southern Denmark, Odense, Denmark

Counsels and collaborations

2012-ongoing: Danish Diabetes Academy. Principal Investigator in WP9: Microvascular Complications: Retinopathy, Nephropathy and Neuropathy.

2013-ongoing: Council of Institute of Clinical Research, University of Southern Denmark. Council member

2013-ongoing: EUROCONDOR. National principal investigator. Leader of WP2: Effectiveness. Member of Scientific and Steering Committee.

2013-ongoing: EVICR.net. Head of Site. Principal Investigator

2013-ongoing: European Eye Epidemiology (E3) Consortium. Member of Executive Committee

2014-ongoing: Support group for Head of Institute at Institute of Clinical Research, University of Southern Denmark. Member

2014-ongoing: [Diabase: Landsdækkende klinisk kvalitetsdatabase for screening af diabetisk retinopati og maculopati]. Representative of the Region of Southern Denmark

Theses

2010: PhD Thesis: Mortality and long-term complications in type 1 diabetes.

2011: Doctoral Thesis: Eye complications and markers of morbidity and mortality in long-term type 1 diabetes.

Publications

Development and validation of a multiple-choice questionnaire-based theoretical test in direct ophthalmoscopy

Jørgensen, M., Savran, M. M., Christakopoulos, C., Bek, T., Grauslund, J., Toft, P. B., Ziemssen, F., Konge, L., Sørensen, T. L. & Subhi, Y., nov. 2019, I : Acta Ophthalmologica. 97, 7, s. 700-706

Alterations in retinal arteriolar microvascular structure associate with higher treatment burden in patients with diabetic macular oedema: results from a 12-month prospective clinical trial

Blindbæk, S. L., Peto, T. & Grauslund, J., 25. okt. 2019, I : Acta Ophthalmologica.

Aflibercept and navigated versus conventional laser in diabetic macular oedema: a 12-month randomized clinical trial

Blindbæk, S. L., Peto, T. & Grauslund, J., 10. okt. 2019, I : Acta Ophthalmologica.

Virtual vitreoretinal surgery: effect of distracting factors on surgical performance in medical students

Mellum, M. L., Vestergaard, A. H., Grauslund, J. & Vergmann, A. S., 3. okt. 2019, I : Acta Ophthalmologica.

Intravitreal angiostatisk behandling af okulær sygdom

Andersen, L-A. C., Jørgensen Cehofski, L. & Grauslund, J., 9. sep. 2019, I : Ugeskrift for Laeger. 181, V04190256.

Retinal metabolic and structural alterations in response to aflibercept treatment in neovascular age-related macular degeneration

Jakobsen, D. B., Torp, T. L., Stefansson, E., Peto, T. & Grauslund, J., aug. 2019, I : Acta Ophthalmologica. 97, 5, s. 525-531

Peripheral capillary non-perfusion in treatment-naïve proliferative diabetic retinopathy associates with postoperative disease activity 6 months after panretinal photocoagulation

Torp, T. L., Kawasaki, R., Wong, T. Y., Peto, T. & Grauslund, J., jun. 2019, I : The British journal of ophthalmology. 103, 6, s. 816-820

The European Eye Epidemiology spectral-domain optical coherence tomography classification of macular diseases for epidemiological studies

Gattoussi, S., Buitendijk, G. H. S., Peto, T., Leung, I., Schmitz-Valckenberg, S., Oishi, A., Wolf, S., Deák, G., Delcourt, C., Klaver, C. C. W., Korobelnik, J-F. & European Eye Epidemiology (E3) Consortium, jun. 2019, I : Acta Ophthalmologica. 97, 4, s. 364-371

Topical Treatment With Brimonidine and Somatostatin Causes Retinal Vascular Dilation in Patients With Early Diabetic Retinopathy From the EUROCONDOR

Grauslund, J., Frydkjaer-Olsen, U., Peto, T., Fernández-Carneado, J., Ponsati, B., Hernández, C., Cunha-Vaz, J., Simó, R. & EUROCONDOR, 1. maj 2019, I : Investigative Ophthalmology & Visual Science. 60, 6, s. 2257-2262

Long-Term Outcome of Patients Operated with Pars Plana Vitrectomy for Primary Rhegmatogenous Retinal Detachment

Poulsen, C. D., Green, A., Grauslund, J. & Peto, T., 23. apr. 2019, I : Ophthalmic Research. s. 1-9 9 s.

Simulation training in vitreoretinal surgery: a systematic review

Rasmussen, R. C., Grauslund, J. & Vergmann, A. S., 11. apr. 2019, I : BMC Ophthalmology. 19, 10 s., 90.

Fundus autofluorescence and spectral domain optical coherence tomography as predictors for long-term functional outcome in rhegmatogenous retinal detachment

Poulsen, C. D., Petersen, M. P., Green, A., Peto, T. & Grauslund, J., apr. 2019, I : Graefe's Archive for Clinical and Experimental Ophthalmology. 257, 4, s. 715-723

Cerebrospinal fluid biomarkers for predicting development of multiple sclerosis in acute optic neuritis: a population-based prospective cohort study

Olesen, M. N., Soelberg, K., Debrabant, B., Nilsson, A. C., Lillevang, S. T., Grauslund, J., Brandslund, I., Madsen, J. S., Paul, F., Smith, T. J., Jarius, S. & Asgari, N., 11. mar. 2019, I : Journal of Neuroinflammation. 16, 12 s., 59.

Neural networks for automatic scoring of arthritis disease activity on ultrasound images

Andersen, J. K. H., Pedersen, J. S., Laursen, M. S., Holtz, K., Grauslund, J., Savarimuthu, T. R. & Just, S. A., 1. mar. 2019, I : RMD Open. 5, 1, 5 s., 000891.

Increased High-Density Lipoprotein Levels Associated with Age-Related Macular Degeneration: Evidence from the EYE-RISK and European Eye Epidemiology Consortia

Colijn, J. M., Hollander, A. I. D., Demirkan, A., Cougnard-Grégoire, A., Verzijden, T., Kersten, E., Meester, M. A., Merle, B. M. J., Papageorgiou, G., Ahmad, S., Mulder, M. T., Costa, M. A., Benlian, P., Bertelsen, G., Bron, A., Claes, B., Creuzot-Garcher, C., Erke, M. G., Fauser, S., Foster, P. J. & 16 flere, Hammond, C. J., Hense, H. W., Hoyng, C. B., Khawaja, A. P., Korobelnik, J., Piermarocchi, S., Segato, T., Silva, R., Souied, E. H., Williams, K. M., van Duijn, C. M., Delcourt, C., Klaver, C. C. W., E3 Consortium and EYE-RISK Consortium, Hansen, M. B. & Broe, R., mar. 2019, I : Ophthalmology. 126, 3, s. 393-406

A comparison of two methods to measure choroidal thickness by enhanced depth imaging optical coherence tomography

Lundberg, K., Vergmann, A. S., Vestergaard, A. H., Jacobsen, N., Goldschmidt, E., Peto, T. & Grauslund, J., feb. 2019, I : Acta Ophthalmologica. 97, 1, s. 118-120

Effects of Topically Administered Neuroprotective Drugs in Early Stages of Diabetic Retinopathy. Results of the EUROCONDOR Clinical Trial

Simó, R., Porta, M., Bandello, F., Grauslund, J., Harding, S. P., Aldington, S. J., Egan, C., Frydkjaer-Olsen, U., García-Arumí, J., Gibson, J., Lang, G. E., Lattanzio, R., Massin, P., Midena, E., Ponsati, B., Ribeiro, L., Scanlon, P., Lobo, C., Costa, M. A., Cunha-Vaz, J. & 1 flere, European Consortium for the Early Treatment of Diabetic Retinopathy (EUROCONDOR), feb. 2019, I : Diabetes. 68, 2, s. 457-463

Behandling af synstruende diabetisk retinopati

Grauslund, J., 2019, I : Ugeskrift for Laeger. 181, 7, V11170870.

Evidence-based Danish guidelines for screening of diabetic retinopathy

Grauslund, J., Andersen, N., Andresen, J., Flesner, P., Haamann, P., Heegaard, S., Larsen, M., Laugesen, C. S., Schielke, K., Skov, J. & Bek, T., dec. 2018, I : Acta Ophthalmologica. 96, 8, s. 763-769

Optical coherence tomography in acute optic neuritis: A population-based study

Soelberg, K., Specovius, S., Zimmermann, H. G., Grauslund, J., Mehlsen, J. J., Olesen, C., Neve, A. S. B., Paul, F., Brandt, A. U. & Asgari, N., dec. 2018, I : Acta Neurologica Scandinavica. 138, 6, s. 566-573

Systemic and Ocular Determinants of Peripapillary Retinal Nerve Fiber Layer Thickness Measurements in the European Eye Epidemiology (E3) Population

Mauschitz, M. M., Bonnemaier, P. W. M., Diers, K., Rauscher, F. G., Elze, T., Engel, C., Loeffler, M., Colijn, J. M., Ikram, M. A., Vingerling, J. R., Williams, K. M., Hammond, C. J., Creuzot-Garcher, C., Bron, A. M., Silva, R., Nunes, S., Delcourt, C., Cougnard-Grégoire, A., Holz, F. G., Klaver, C. C. W. & 3 flere, Breteler, M. M. B., Finger, R. P. & European Eye Epidemiology (E3) Consortium, okt. 2018, I : Ophthalmology. 125, 10, s. 1526-1536

Retinal vascular diameters in relation to physical activity in Danish children - The CHAMPS Eye Study

Lundberg, K., Tarp, J., Vestergaard, A. H., Jacobsen, N., Thykjaer, A. S., Rønne, M. S., Bugge, A., Goldschmidt, E., Peto, T., Wedderkopp, N. & Grauslund, J., aug. 2018, I : Scandinavian Journal of Medicine & Science in Sports. 28, 8, s. 1897-1907

Structural neurodegeneration correlates with early diabetic retinopathy

Frydkjaer-Olsen, U., Hansen, R. S., Peto, T. & Grauslund, J., aug. 2018, I : International Ophthalmology. 38, 4, s. 1621-1626

The Decreasing Prevalence of Nonrefractive Visual Impairment in Older Europeans: A Meta-analysis of Published and Unpublished Data

Delcourt, C., Le Goff, M., von Hanno, T., Mirshahi, A., Khawaja, A. P., Verhoeven, V. J. M., Hogg, R. E., Anastopoulos, E., Cachulo, M. L., Höhn, R., Wolfram, C., Bron, A., Miotto, S., Carrière, I., Colijn, J. M., Buitendijk, G. H. S., Evans, J., Nitsch, D., Founti, P., Yip, J. L. Y. & 11 flere, Pfeiffer, N., Creuzot-Garcher, C., Silva, R., Piermarocchi, S., Topouzis, F., Bertelsen, G., Foster, P. J., Fletcher, A., Klaver, C. C. W., Korobelnik, J-F. & European Eye Epidemiology Consortium, aug. 2018, I : Ophthalmology. 125, 8, s. 1149-1159

Choroidal thickness and myopia in relation to physical activity - the CHAMPS Eye Study

Lundberg, K., Vestergaard, A. H., Jacobsen, N., Suhr Thykjaer, A., Søgaard Hansen, R., Goldschmidt, E., Peto, T., Halekoh, U., Wedderkopp, N. & Grauslund, J., jun. 2018, I : Acta Ophthalmologica. 96, 4, s. 371-378

Temporal changes in retinal vascular parameters associated with successful panretinal photocoagulation in proliferative diabetic retinopathy: A prospective clinical interventional study

Torp, T. L., Kawasaki, R., Wong, T. Y., Peto, T. & Grauslund, J., jun. 2018, I : Acta Ophthalmologica. 96, 4, s. 405-410

Changes in retinal venular oxygen saturation predict activity of proliferative diabetic retinopathy 3 months after panretinal photocoagulation

Torp, T. L., Kawasaki, R., Wong, T. Y., Peto, T. & Grauslund, J., mar. 2018, I : British Journal of Ophthalmology. 102, 3, s. 383-387

Physical activity and myopia in Danish children-The CHAMPS Eye Study

Lundberg, K., Suhr Thykjær, A., Søgaard Hansen, R., Vestergaard, A. H., Jacobsen, N., Goldschmidt, E., Lima, R. A., Peto, T., Wedderkopp, N. & Grauslund, J., mar. 2018, I : Acta Ophthalmologica. 96, 2, s. 134-141

Impact of red and processed meat and fibre intake on treatment outcomes among patients with chronic inflammatory diseases: protocol for a prospective cohort study of prognostic factors and personalised medicine

Christensen, R., Heitmann, B. L., Andersen, K. W., Nielsen, O. H., Sørensen, S. B., Jawhara, M., Bygum, A., Hvid, L., Grauslund, J., Wied, J., Glerup, H., Fredberg, U., Villadsen, J. A., Kjær, S. G., Fallingborg, J., Moghadd, S. A. G. R.,

Knudsen, T., Brodersen, J., Frøjk, J., Dahlerup, J. F. & 21 flere, Bojesen, A. B., Sorensen, G. L., Thiel, S., Færgeman, N. J., Brandslund, I., Bennike, T. B., Stensballe, A., Schmidt, E. B., Franke, A., Ellinghaus, D., Rosenstiel, P., Raes, J., Boye, M., Werner, L., Nielsen, C. L., Munk, H. L., Nexøe, A. B., Ellingsen, T., Holmskov, U., Kjeldsen, J. & Andersen, V., feb. 2018, I : B M J Open. 8, 2, 17 s., e018166.

Magnetic resonance imaging findings at the first episode of acute optic neuritis

Soelberg, K., Skejoe, H. P. B., Grauslund, J., Smith, T. J., Lillevang, S. T., Jarius, S., Wildemann, B., Paul, F. & Asgari, N., feb. 2018, I : Multiple Sclerosis and Related Disorders. 20, s. 30-36

Kosmetisk irisimplantation kan forårsage irreversible øjenskader

Thinesh Kumar, S., Nyborg, D., Ruhlmann, P. & Grauslund, J., 22. jan. 2018, I : Ugeskrift for Laeger. 180, 16, s. 2-3 V07170545.

Kunstig intelligens og screening af diabetisk retinopati

Andersen, J. K. H., Savarimuthu, T. R. & Grauslund, J., 2018, I : Oftalmolog. 38, 4, s. 9-11 3 s.

Proliferativ diabetisk retinopati som ny indikation for anvendelse af intravitreal angiostatisk behandling?

Grauslund, J., 2018, I : Best Practice - Diabetes. 12, 16, s. 24-26

A population-based prospective study of optic neuritis

Soelberg, K., Jarius, S., Skejoe, H. P. B., Engberg, H., Mehlsen, J., Nilsson, A. C., Madsen, J. S., Reindl, M., Wildemann, B., Grauslund, J., Kyvik, K. O., Smith, T. J., Lillevang, S. T., Paul, F., Weinshenker, B. G. & Asgari, N., 2017, I : Multiple sclerosis. 23, 14, s. 1893-1901

Association between microfibrillar-associated protein 4 (MFAP4) and micro- and macrovascular complications in long-term type 1 diabetes mellitus

Blindebæk, S. L., Schlosser, A., Green, A., Holmskov, U., Sorensen, G. L. & Grauslund, J., 2017, I : Acta Diabetologica. 54, 4, s. 367-372

Development of a Normative Database for Multifocal Electroretinography in the Context of a Multicenter Clinical Trial

Simão, S., Costa, M. Á., Sun, J. K., Cunha-Vaz, J., Simó, R. & European Consortium for the Early Treatment of Diabetic Retinopathy (EUROCONDOR), 2017, I : Ophthalmic Research. 57, 2, s. 107-117

Fotoscreening for diabetisk retinopati

Grauslund, J., 2017, I : Ugeskrift for Laeger. 179, 20, s. 2-5 V02170170.

Functional and Structural Findings of Neurodegeneration in Early Stages of Diabetic Retinopathy. Cross-sectional Analyses of Baseline Data of the EUROCONDOR project

Santos, A. R., Ribeiro, L., Bandello, F., Lattanzio, R., Egan, C., Frydkjaer-Olsen, U., García-Arumí, J., Gibson, J., Grauslund, J., Harding, S. P., Lang, G. E., Massin, P., Midena, E., Scanlon, P., Aldington Hnd, S. J., Simão, S., Schwartz, C., Ponsati, B., Porta, M., Costa, M. Á. & 4 flere, Hernández, C., Cunha-Vaz, J., Simó, R. & European Consortium for the Early Treatment of Diabetic Retinopathy (EUROCONDOR), 2017, I : Diabetes. 66, 9, s. 2503-2510

Heritability of Retinal Vascular Fractals: A Twin Study

Vergmann, A. S., Broe, R., Kessel, L., Hougaard, J. L., Möller, S., Kyvik, K. O., Larsen, M., Munch, I. C. & Grauslund, J., 2017, I : Investigative Ophthalmology & Visual Science. 58, 10, s. 3997-4002

Increased mortality in a Danish cohort of young people with Type 1 diabetes mellitus followed for 24 years

Sandahl, K., Nielsen, L. B., Svensson, J., Johannesen, J., Pociot, F., Mortensen, H. B., Hougaard, P., Broe, R., Rasmussen, M. L., Grauslund, J., Peto, T. & Olsen, B. S., 2017, I : Diabetic Medicine. 34, 3, s. 380-386

Long-term structural retinal changes in patients with optic neuritis related to multiple sclerosis

Andersen, M. R., Roar, M., Sejbaek, T., Illes, Z. & Grauslund, J., 2017, I : Clinical Ophthalmology (Print). 11, s. 1519-1525

Non-invasive Retinale Markører i Diabetisk Retinopati: fra forskning til evidensbaseret behandling

Blindbæk, S. L. & Grauslund, J., 2017, I : Best Practice - Almen praksis.

Prevalence and risk factors for diabetic retinopathy in 17 152 patients from the island of Funen, Denmark

Hansen, M. B., Henriksen, J. E., Grauslund, J. & Peto, T., 2017, I : Acta Ophthalmologica. 95, 8, s. 778–786

Prevalence of Age-Related Macular Degeneration in Europe: The Past and the Future

Colijn, J. M., Buitendijk, G. H. S., Prokofyeva, E., Alves, D., Cachulo, M. D. L., Khawaja, A. P., Cougnard-Grégoire, A., Merle, B. M. J., Korb, C., Erke, M. G., Bron, A. M., Anastasopoulos, E., Meester-Smoor, M. A., Segato, T., Piermarocchi, S., de Jong, P. T. V. M., Vingerling, J. R., Topouzis, F., Creuzot-Garcher, C., Bertelsen, G. & 8 flere, Pfeiffer, N., Fletcher, A. E., Foster, P. J., Silva, R., Korobelnik, J-F., Delcourt, C., Klaver, C. C. W. & EYE-RISK consortium, 2017, I : Ophthalmology. 124, 12, s. 1753-1763

Retinal vascular geometry and its association to microvascular complications in patients with type 1 diabetes: the Danish Cohort of Pediatric Diabetes 1987 (DCPD1987)

Rasmussen, M. L., Broe, R., Frydkjaer-Olsen, U., Olsen, B. S., Mortensen, H. B., Peto, T. & Grauslund, J., 2017, I : Graefes Archive for Clinical and Experimental Ophthalmology. 255, 2, s. 293–299

Virtual vitreoretinal surgery: validation of a training programme

Vergmann, A. S., Vestergaard, A. H. & Grauslund, J., 2017, I : Acta Ophthalmologica. 95, 1, s. 60–65

Vision related quality of life in patients with type 2 diabetes in the EUROCONDOR trial

Trento, M., Durando, O., Lavecchia, S., Charrier, L., Cavallo, F., Costa, M. A., Hernández, C., Simó, R., Porta, M. & EUROCONDOR trial investigators, 2017, I : Endocrine. 57, 1, s. 83–88

Correlation between Retinal Vessel Calibre and Neurodegeneration in Patients with Type 2 Diabetes Mellitus in the European Consortium for the Early Treatment of Diabetic Retinopathy (EUROCONDOR)

Frydkjaer-Olsen, U., Soegaard Hansen, R., Simó, R., Cunha-Vaz, J., Peto, T., Grauslund, J. & EUROCONDOR, 8. apr. 2016, I : Ophthalmic Research. 56, 1, s. 10-16

Vascular Changes and Neurodegeneration in the Early Stages of Diabetic Retinopathy: Which Comes First?

Jonsson, K. B., Frydkjaer-Olsen, U. & Grauslund, J., 2. apr. 2016, I : Ophthalmic Research. 56, s. 1-9

Inter-Eye Agreement in Measurement of Retinal Vascular Fractal Dimension in Patients with Type 1 Diabetes Mellitus

Pedersen, K. B., Broe, R. & Grauslund, J., 7. mar. 2016, I : Ophthalmic Epidemiology. 23, 2, s. 131-135 5 s.

Small-incision lenticule extraction (SMILE): outcomes of 722 eyes treated for myopia and myopic astigmatism

Hansen, R. S., Lyhne, N., Grauslund, J. & Vestergaard, A. H., 1. feb. 2016, I : Graefes Archive for Clinical and Experimental Ophthalmology. 254, 2, s. 399-405

Aquaporin-4 IgG autoimmune syndrome and immunoreactivity associated with thyroid cancer

Soelberg, K., Larsen, S. R., Mørch, M., Thomassen, M., Brusgaard, K., Paul, F., Smith, T. J., Godballe, C., Grauslund, J., Lillevang, S. T. & Asgari, N., 2016, I : Neurology: Neuroimmunology & Neuroinflammation. 3, 4, 4 s., e252.

Associations with intraocular pressure across Europe: The European Eye Epidemiology (E3) Consortium

Khawaja, A. P., Springelkamp, H., Creuzot-Garcher, C., Delcourt, C., Hofman, A., Höhn, R., Iglesias, A. I., Wolfs, R. C. W., Korobelnik, J-F., Silva, R., Topouzis, F., Williams, K. M., Bron, A. M., Buitendijk, G. H. S., Cachulo, M. D. L., Cougnard-Grégoire, A., Dartigues, J-F., Hammond, C. J., Pfeiffer, N., Salonikiou, A. & 9 flere, van Duijn, C. M., Vingerling, J. R., Luben, R. N., Mirshahi, A., Lamparter, J., Klaver, C. C. W., Jansonius, N. M., Foster, P. J. & European Eye Epidemiology (E³) Consortium, 2016, I : European Journal of Epidemiology. 31, 11, s. 1101-1111

Epidemiologic characteristics of retinal detachment surgery at a specialized unit in Denmark

Poulsen, C. D., Peto, T., Grauslund, J. & Green, A., 2016, I : Acta Ophthalmologica. 94, 6, s. 548-555

Ophthalmic epidemiology in Europe: the "European Eye Epidemiology" (E3) consortium

Delcourt, C., Korobelnik, J-F., Buitendijk, G. H. S., Foster, P. J., Hammond, C. J., Piermarocchi, S., Peto, T., Jansonius, N., Mirshahi, A., Hogg, R. E., Bretilon, L., Topouzis, F., Deak, G., Grauslund, J., Broe, R., Souied, E. H., Creuzot-Garcher, C., Sahel, J., Daien, V., Lehtimäki, T. & 16 flere, Hense, H-W., Prokofyeva, E., Oexle, K., Rahi, J. S., Cumberland, P. M., Schmitz-Valckenberg, S., Fauser, S., Bertelsen, G., Hoyng, C., Bergen, A., Silva, R., Wolf, S., Lotery, A., Chakravarthy, U., Fletcher, A. & Klaver, C. C. W., 2016, I : European Journal of Epidemiology. 31, s. 197-210

Retinal Vascular Fractals Correlate With Early Neurodegeneration in Patients With Type 2 Diabetes Mellitus

Frydkjaer-Olsen, U., Soegaard Hansen, R., Pedersen, K., Peto, T. & Grauslund, J., 1. nov. 2015, I : Investigative Ophthalmology & Visual Science. 56, 12, s. 7438-7443 6 s.

Polymorphisms in the CTSH gene may influence the progression of diabetic retinopathy: a candidate-gene study in the Danish Cohort of Pediatric Diabetes 1987 (DCPD1987)

Thorsen, S. U., Sandahl, K., Nielsen, L. B., Broe, R., Rasmussen, M. L., Peto, T., Grauslund, J., Andersen, M. L. M., Mortensen, H. B., Pociot, F., Olsen, B. S. & Brorsson, C., 6. aug. 2015, I : Graefe's Archive for Clinical and Experimental Ophthalmology. 253, 11, s. 1959-1965

Increasing Prevalence of Myopia in Europe and the Impact of Education

Williams, K. M., Bertelsen, G., Cumberland, P., Wolfram, C., Verhoeven, V. J. M., Anastasopoulos, E., Buitendijk, G. H. S., Cougnard-Grégoire, A., Creuzot-Garcher, C., Erke, M. G., Hogg, R., Höhn, R., Hysi, P., Khawaja, A. P., Korobelnik, J-F., Ried, J., Vingerling, J. R., Bron, A., Dartigues, J-F., Fletcher, A. & 15 flere, Hofman, A., Kuijpers, R. W. A. M., Luben, R. N., Oxele, K., Topouzis, F., von Hanno, T., Mirshahi, A., Foster, P. J., van Duijn, C. M., Pfeiffer, N., Delcourt, C., Klaver, C. C. W., Rahi, J., Hammond, C. J. & European Eye Epidemiology (E(3)) Consortium, jul. 2015, I : Ophthalmology. 122, 7, s. 1489-97

Comparison between Early Treatment Diabetic Retinopathy Study 7-field retinal photos and non-mydratic, mydratic and mydratic steered widefield scanning laser ophthalmoscopy for assessment of diabetic retinopathy

Rasmussen, M. L., Broe, R., Frydkjaer-Olsen, U., Olsen, B. S., Mortensen, H. B., Peto, T. & Grauslund, J., 2015, I : Journal of Diabetes and its Complications. 29, 1, s. 99-104

Four-year to seven-year outcomes of advanced surface ablation with excimer laser for high myopia

Hansen, R. S., Lyhne, N., Grauslund, J., Grønbech, K. T. & Vestergaard, A. H., 2015, I : Graefe's Archive for Clinical and Experimental Ophthalmology. 253, 7, s. 1027-1033

Long-term incidence of vitrectomy and associated risk factors in young Danish patients with Type 1 diabetes: the Danish Cohort of Paediatric Diabetes 1987

Broe, R., Rasmussen, M. L., Frydkjaer-Olsen, U., Olsen, B. S., Mortensen, H. B., Peto, T. & Grauslund, J., 2015, I : Diabetic Medicine. 32, 4, s. 542-545

Microaneurysm count as a predictor of long-term progression in diabetic retinopathy in young patients with type 1 diabetes: the Danish Cohort of Pediatric Diabetes 1987 (DCPD1987)

Rasmussen, M. L., Broe, R., Frydkjaer-Olsen, U., Olsen, B. S., Mortensen, H. B., Peto, T. & Grauslund, J., 2015, I : Graefe's Archive for Clinical and Experimental Ophthalmology. 253, 2, s. 199-205

The five-year incidence of open globe eye injuries at Odense University Hospital, Denmark

Pindbo Vestergaard, J., Søltoft, A-M., Aasholm, V. R. & Grauslund, J., 2015, I : Acta Ophthalmologica. 93, 8, s. e679-e680

Hemoglobin is associated with retinal vascular fractals in type 1 diabetes patients

Nybo, M., Hodgson, L. A. B., Kawasaki, R., Wong, T. Y. & Grauslund, J., okt. 2014, I : Ophthalmic Epidemiology. 21, 5, s. 327-32

Retinal vascular fractals predict long-term microvascular complications in type 1 diabetes mellitus: the Danish Cohort of Pediatric Diabetes 1987 (DCPD1987)

Broe, R., Rasmussen, M. L., Frydkjaer-Olsen, U., Olsen, B. S., Mortensen, H. B., Peto, T. & Grauslund, J., 1. jul. 2014, I : Diabetologia. 57, 10, s. 2215-2221

Efficacy, safety, predictability, contrast sensitivity and aberrations after femtosecond laser lenticule extraction

Vestergaard, A. H., Grauslund, J., Ivarsen, A. & Hjortdal, J., jan. 2014, I : Journal of Cataract & Refractive Surgery. 40, 3, s. 403-411

Central corneal sublayer pachymetry and biomechanical properties after refractive femtosecond laser lenticule extraction

Vestergaard, A. H., Grauslund, J., Ivarsen, A. & Hjortdal, J., 2014, I : Journal of Refractive Surgery. 30, 2, s. 102-108

Establishment of a validated training program on the Eyesi cataract simulator. A prospective randomized study

Bergqvist, J., Person, A., Vestergaard, A. H. & Grauslund, J., 2014, I : Acta Ophthalmologica. 92, 7, s. 629-634

Korioretinopati som første symptom på akut lymfoblastisk leukæmi

Grønbech, K., Rewes, A. & Grauslund, J., 2014, I : Ugeskrift for Læger. 176, s. 2-3

Neurodegeneration in the diabetic eye: new insights and therapeutic perspectives

EUROCONDOR Consortium, Bandello, F., Burks, D., Cunha-Vaz, J., Egan, C., Garcia-Arumi, J., Gibson, J., Harding, S., Karadeniz, S., Lang, G., Massin, P., Midena, E., Pontasi, B., Porta, M., Scanlon, P., Grauslund, J. & Valverde, AM., 2014, I : Trends in Endocrinology and Metabolism. 25, 1, s. 23-33

Retinal Vessel Calibers Predict Long-term Microvascular Complications in Type 1 Diabetes Mellitus: The Danish Cohort of Pediatric Diabetes 1987 (DCPD1987)

Broe, R., Rasmussen, M. L., Frydkjaer-Olsen, U., Olsen, B. S., Mortensen, H. B., Hodgson, L., Wong, T. Y., Peto, T. & Grauslund, J., 2014, I : Diabetes. 63, 11, s. 3906-3914

The 16-year incidence, progression and regression of diabetic retinopathy in a young population-based Danish cohort with type 1 diabetes mellitus: The Danish cohort of pediatric diabetes 1987 (DCPD1987)

Broe, R., Rasmussen, M. L., Frydkjær-Olsen, U., Olsen, B. S., Mortensen, H. B., Peto, T. & Grauslund, J., 2014, I : Acta Diabetologica. 51, 3, s. 413-420

Long-term outcomes of Photorefractive keratectomy for low to high myopia: 13 to 19 years of follow-up

Vestergaard, A. H., Hjortdal, J., Ivarsen, A., Work, K., Grauslund, J. & Sjølie, A. K., maj 2013, I : Journal of Refractive Surgery. 29, 5, s. 312-219

Associations Between Diabetic Retinopathy and Plasma Levels of High-sensitive C-reactive Protein or Von Willebrand Factor in Long-term Type 1 Diabetic Patients

Laursen, J. V. N., Hoffmann, S. S., Green, A., Nybo, M., Sjølie, A. K. & Grauslund, J., 2013, I : Current Eye Research. 38, 1, s. 174-9 6 s.

Is Smoking a Risk Factor for Proliferative Diabetic Retinopathy in Type 1 Diabetes?

Gaedt Thorlund, M., Borg Madsen, M., Green, A., Sjølie, A. K. & Grauslund, J., 2013, I : Ophthalmologica. 230, 1, s. 50-54

Localized changes in Retinal Vessel Caliber after focal/grid laser treatment in Patients with Diabetic Macular Edema: A Measure of Treatment Response?

Lundberg, L. K., Kawasaki, R., Sjølie, A. K., Wong, T. Y. & Grauslund, J., 2013, I : Retina. 33, 10, s. 2089-95

Long-term associations between serum lipids and panretinal photocoagulation in type 1 diabetes

Jørgensen, J. S., Mejnert Jørgensen, T., Green, A., Sjølie, A. K. & Grauslund, J., 2013, I : Current Eye Research. 38, 8, s. 889-93

Subbasal nerve morphology, corneal sensation, and tear film evaluation after refractive femtosecond laser lenticule extraction.

Vestergaard, A. H., Grønbech, K., Grauslund, J., Ivarsen, A. & Hjortdal, J., 2013, I : Graefe's Archive for Clinical and Experimental Ophthalmology. 251, 11, s. 2591-600

Global prevalence and major risk factors of diabetic retinopathy

Yau, J. W. Y., Rogers, S. L., Kawasaki, R., Lamoureux, E. L., Kowalski, J. W., Bek, T., Chen, S.-J., Dekker, J. M., Fletcher, A., Grauslund, J., Haffner, S., Hamman, R. F., Ikram, M. K., Kayama, T., Klein, B. E. K., Klein, R., Krishnaiah, S.,

Mayurasakorn, K., O'Hare, J. P., Orchard, T. J. & 17 flere, Porta, M., Rema, M., Roy, M. S., Sharma, T., Shaw, J., Taylor, H., Tielsch, J. M., Varma, R., Wang, J. J., Wang, N., West, S., Xu, L., Yasuda, M., Zhang, X., Mitchell, P., Wong, T. Y. & Meta-Analysis for Eye Disease (META-EYE) Study Group, 2012, I : *Diabetes Care*. 35, 3, s. 556-64 9 s.

Proliferative retinopathy predicts nephropathy: a 25-year follow-up study of type 1 diabetic patients

Karlberg, C., Falk, C., Green, A., Sjølie, A. K. & Grauslund, J., 2012, I : *Acta Diabetologica*. 49, 4, s. 263-8 6 s.

Cataract surgery in a population-based cohort of patients with type 1 diabetes: long-term incidence and risk factors

Grauslund, J., Green, A. & Sjølie, A. K., 2011, I : *Acta Ophthalmologica*. 89, 1, s. 25-29

Eye Complications and Markers of Morbidity and Mortality in Long-term Type 1 Diabetes

Grauslund, J., 2011, I : *Acta Ophthalmologica (Online)*. 89, Issue thesis1, s. 1-19 19 s.

Long-term mortality and retinopathy in type 1 diabetes

Grauslund, J., 1. maj 2010, I : *Acta Ophthalmologica (Online)*. 88 , Thesis1, s. 1-14 13 s.

Does osteoprotegerin relate to micro- and macrovascular complications in long-term type 1 diabetes?

Grauslund, J., Rasmussen, L. M., Green, A. & Sjølie, A. K., 8. mar. 2010, I : *Scandinavian Journal of Clinical & Laboratory Investigation*. 70, 3, s. 188-193

Plasma osteoprotegerin concentrations in peripheral sensory neuropathy in Type 1 and Type 2 diabetic patients

Nybo, M., Poulsen, M. K., Grauslund, J., Henriksen, J. E. & Rasmussen, L. M., 1. mar. 2010, I : *Diabetic Medicine*. 27, 3, s. 289-94 6 s.

Retinal Vascular Fractals and Microvascular and Macrovascular Complications in Type 1 Diabetes

Grauslund, J., Green, A., Kawasaki, R., Hodgson, L., Sjølie, A. K. & Wong, T. Y., 20. feb. 2010, I : *Ophthalmology*. 117, 7, s. 1400-1405

Long-term mortality and retinopathy in type 1 diabetes

Grauslund, J., 2010, Syddansk Universitet. Det Sundhedsvidenskabelige Fakultet.

N-terminal pro brain natriuretic peptide reflects long-term complications in type 1 diabetes

Grauslund, J., Nybo, M., Green, A. & Sjølie, A. K., 2010, I : *Scandinavian Journal of Clinical & Laboratory Investigation*. 70 , 6, s. 392-8 7 s.

Risk factors for mortality and ischemic heart disease in patients with long-term type 1 diabetes

Grauslund, J., Mejnert Jørgensen, T., Nybo, M., Green, A., Rasmussen, L. M. & Sjølie, A. K., 2010, I : *Journal of Diabetes and its Complications*. 24, 4, s. 223-228 6 s.

Blindness in a 25-Year Follow-up of a Population-Based Cohort of Danish Type 1 Diabetic Patients

Grauslund, J., Green, A. & Sjølie, A. K., 8. sep. 2009, I : *Ophthalmology*. 116, 11, s. 2170-2174

Prevalence and 25 year incidence of proliferative retinopathy among Danish type 1 diabetic patients

Grauslund, J., Green, A. & Sjølie, A. K., 1. sep. 2009, I : *Diabetologia*. 52, 9, s. 1829-35 6 s.

Retinal vessel calibre and micro- and macrovascular complications in type 1 diabetes

Grauslund, J., Hodgson, L., Kawasaki, R., Green, A., Sjølie, A. & Wong, T., 18. jul. 2009, I : *Diabetologia*. 52, 10, s. 2213-2217

Major diabetes-related vascular events do not improve glycaemic control in a population-based cohort of type 1 diabetic individuals

Mejnert Jørgensen, T., Grauslund, J., Sjølie, A. K., Green, A., Rasmussen, L. M. & Nybo, M., 6. jul. 2009, I : *Scandinavian Journal of Clinical & Laboratory Investigation*. 69, 7, s. 748-751 3 s.

Proliferative retinopathy and proteinuria predict mortality rate in type 1 diabetic patients from Fyn County, Denmark
Grauslund, J., Green, A. & Sjølie, A. K., 1. apr. 2008, I : Diabetologia. 51, 4, s. 583-588 5 s.

Øjenkomplikationer hos fynske type 1 diabetikere gennem 35 år
Grauslund, J., 2008, I : Optikerens. 5, s. 48-49 2 s.

Type 1 diabetes (ungdomsdiabetes): En alvorlig risiko for synet.
Grauslund, J., 2008, I : Værn om Synet. 3, s. 4-8 5 s.

Mikrokimærisme - en mulig årsag til autoimmune sygdomme?
Grauslund, J. & Wang, P., 2004, I : Ugeskrift for læger. 166, s. 2882-85

Participation in scientific meetings

Participation in scientific meetings (with own presentations indicated):

2006:

XXXVII Nordic Congress of Ophthalmology, Copenhagen, Denmark

2007:

The Association for Research in Vision and Ophthalmology (ARVO) Annual Meeting, Fort Lauderdale, Florida, USA, Poster presentation

17th Annual Meeting of the European Association for the Study of Diabetes Eye Complications (EASDec) Study Group, Rome, Italy, Paper

ARVO Summer Eye Research Conference, Warwick, Rhode Island, USA, Poster and paper

2008:

ARVO Annual Meeting, Fort Lauderdale, Florida, USA, Paper

18th Annual Meeting of the EASDec Study Group, Amsterdam, Holland, Paper

XXXVIII Nordic Congress of Ophthalmology, Tromsø, Norway, Poster

2009:

ARVO Annual Meeting, Fort Lauderdale, Florida, USA, Poster

Annual Meeting of the EASDec Study Group, Oxford, UK, Paper

Congress of the European Society of Ophthalmology (SOE), Amsterdam, Holland, Lecture

2010:

ARVO Annual Meeting, Fort Lauderdale, Florida, USA, Poster

20th Annual Meeting of the EASDec Study Group, Paris, France, Paper

XXXIX Nordic Congress of Ophthalmology, Reykjavik, Iceland, Lecture

2011:

ARVO Annual Meeting, Fort Lauderdale, Florida, USA, Poster

21st Annual Meeting of the EASDec Study Group, Gdansk, Poland, Lecture

2012:

ARVO Annual Meeting, Fort Lauderdale, Florida, USA, Poster

22nd Annual Meeting of the EASDec Study Group, Dublin, Ireland, Poster

European School for Advanced Studies in Ophthalmology (ESASO), Prague, Czech Republic

2013:

23rd Annual Meeting of the EASDec Study Group, Barcelona, Spain, Poster

Congress of the SOE, Copenhagen, Denmark

Medical Retina Academy, Copenhagen, Denmark, Speaker

2014:

ESASO, Istanbul, Turkey

2015:

ARVO Annual Meeting, Denver, Colorado, USA

25th Annual Meeting of the EASDec Study Group, Turin, Italy

Medical Retina Academy, Copenhagen, Denmark, Speaker

2016:

ARVO Annual Meeting, Seattle, Washington, USA, Poster

Nordic Congress of Ophthalmology, Aarhus, Denmark, Moderator, Speaker

26th Annual Meeting of the EASDec Study Group, Manchester, UK, Speaker

Medical Retina Academy, Copenhagen, Denmark, Moderator, Speaker

EURETINA 2016, Copenhagen, Denmark

Annual Day of the Danish Diabetes Academy, Nyborg, Denmark

2017:

ARVO Annual Meeting, Baltimore, Maryland, USA

27th Annual Meeting of the EASDec Study Group, Budapest, Hungary, Moderator

2018

Fourth International Workshop on Ocular Oximetry, Aarhus, Denmark, Moderator

Annual Educational Course of the Danish Society of Ophthalmology, Nyborg, Denmark, Faculty Lead, Moderator, Speaker

Translational Diabetes Research meeting, Odense, Denmark, Faculty, Moderator, Speaker

ARVO Annual Meeting, Honolulu, Hawaii, USA

28th Annual Meeting of the EASDec Study Group, Belfast, UK, Moderator, Speaker

Steno DK Symposium on Long-term Diabetic Complications, Rungsted, Denmark, Keynote speaker

Annual Day of the Danish Diabetes Academy, Nyborg, Denmark

14th Asian Conference on Computer Vision (ACCV), First Annual Workshop on Artificial Intelligence for Retinal Image Analysis, Perth, Australia

2019

[Borgerinddragelse i forskning 2.0], Odense, Denmark, Speaker

Steno Diabetes Center Odense research seminar, Fredericia, Denmark, Poster

ARVO Annual Meeting, Vancouver, Canada

29th Annual Meeting of the EASDec Study Group, Amsterdam, Holland, Moderator, Speaker, Poster

Danish Diabetes Academy symposium on co-morbidities in diabetes, Nyborg, Denmark, Organizer, Moderator, Speaker

EURETINA 2019, Paris, France

Individualised Screening for Diabetic Retinopathy Symposium, Liverpool, UK, National representative

Invited speaker

2006:

Meeting for ophthalmic specialists from Fyn County. Odense, Denmark

2007:

MSD Spring meeting. Copenhagen, Denmark

MSD Spring meeting. Aarhus, Denmark

Meeting for ophthalmic specialists from the Region of Southern Denmark. Kolding, Denmark

2008:

La Rétinopathie Diabétique - Ce qui a changé. Paris, France

Eye Day 2008, Danish Eye Health Society, Odense, Denmark

2009:

Research Seminar: Long-term diabetes-related complications in a population-based cohort of Danish type 1 diabetic patients. Melbourne, Australia

Eye Day 2009, Danish Eye Health Society, Vejle, Denmark

Eye Day 2009, Danish Eye Health Society, Odense, Denmark

Congress of the SOE: Retinal vascular analysis and retinopathy in type 1 diabetes, Amsterdam, Holland

The Danish Diabetes Association, Odense, Denmark

2010:

Nordic Congress of Ophthalmology: Diabetic Retinopathy – Course, Reykjavik, Iceland

The Danish Diabetes Association, Odense, Denmark

2011:

The Danish Diabetes Association, Odense, Denmark

2012:

The Danish Diabetes Association, Odense, Denmark

2013:

The Danish Diabetes Association, Odense, Denmark

Novartis Ophthalmics Days. Middelfart, Denmark

Meeting for ophthalmic specialists from Fyn County. Odense, Denmark

2014:

The Danish Diabetes Association, Odense, Denmark

Meeting for ophthalmic specialists from Fyn County. Odense, Denmark

2015:

Danish Ophthalmological Society – January meeting. Glostrup, Denmark

Society for Danish Eye Nurses – Annual congress. Vingsted, Denmark

The Danish Diabetes Association, Odense, Denmark

2016:

Nordic Congress of Ophthalmology, Aarhus, Denmark

Annual Meeting of the EASDec Study Group, Manchester, UK

2018:

Danish Cardiovascular Research Academy Summer Meeting, Sandbjerg, Denmark

Danish Ophthalmological Society – Science and General Assembly, Middelfart, Denmark

Steno DK Symposium on Long-term Diabetic Complications, Rungsted, Denmark

Reviewer and Editor

Journals:

Acta Ophthalmologica
American Journal of Ophthalmology
BMC Ophthalmology
Canadian Medical Association Journal
Collegium Antropologicum
Current Eye Research
Diabetes & Metabolism
Diabetes Care
Diabetes, Obesity and Metabolism
Diabetes Research and Clinical Practice
Diabetologia
Experimental Eye Research
Expert Review of Endocrinology & Metabolism
Graefe's Archive for Clinical and Experimental Ophthalmology
International Ophthalmology
Investigative Ophthalmology & Visual Science
Journal of Clinical Endocrinology and Metabolism
Journal of Diabetes and Its Complications
Journal of Ophthalmology
Journal of Zhejiang University SCIENCE B
Microcirculation
Mitochondrion
Ophthalmic Epidemiology
Ophthalmologica
The Lancet
The Lancet Diabetes & Endocrinology
The Scandinavian Journal of Clinical & Laboratory Investigation
Translational Vision Science & Technology

Associations:

Austrian Science Fund, Austria
Department of Clinical Research, University of Southern Denmark, Denmark
Danish Diabetes Academy, Denmark
Diabetes UK, UK
HSC Public Health Agency, UK
Juvenile Diabetes Research Foundation (JDRF), USA
National Medical Research Council, Singapore
THEVELUX FOUNDATIONS, Denmark
VELUX Stiftung, Switzerland

Board member:

Fight for Sight Denmark
Odense University Hospital PhD Assessment Committee (chairman)
Steno Diabetes Center Odense PhD Assessment Committee (vice chair)

Editor:

Acta Ophthalmologica
Journal of Ophthalmology

Teaching

2000-2003: Histology and embryology, 158 hours, lectures and skills training, University of Southern Denmark, Odense, Denmark

2002-2003: Molecular biomedicine C, 92 hours, lectures and skills training, University of Southern Denmark, Odense, Denmark

2007-ongoing: Pre graduate training in ophthalmology (K11 and K14), lectures, case-based teaching and skills training, University of Southern Denmark, Odense, Denmark

2009-ongoing: A-course: Research training in Ophthalmology, Register-based research and How to write a paper,

lecturer, Aalborg University Hospital, Aalborg, Denmark

2010-2014: A-course: Medical Retina, Diabetic retinopathy, Odense University Hospital, Odense, Denmark

2015-ongoing: A-course: Medical Retina, appointed as Lead Faculty for 2015-2019

Examiner - internal

2008-2010: Study-start task, main supervisor and internal examiner for 6 groups of medical students, University of Southern Denmark, Odense, Denmark

2015: Lillian Nørgaard Marcussen, PhD, The mandibular advancement device (MAD) in the treatment of snoring and obstructive sleep apnea, chairman of PhD assessment committee, University of Southern Denmark, Odense, Denmark

2015: Mette Wod, PhD, Patients with latent autoimmune diabetes. Studies on phenotypic characteristics, treatment and outcome, chairman of PhD assessment committee, University of Southern Denmark, Odense, Denmark

2007-ongoing: OSCE-exam, internal examiner, University of Southern Denmark, Odense, Denmark

2007-ongoing: MCQ-exam in ophthalmology (K11), internal examiner, University of Southern Denmark, Odense, Denmark

2009-ongoing: Master's thesis exam, main supervisor and internal examiner for 21 medical students, University of Southern Denmark, Odense, Denmark

2010-ongoing: Undergraduate study exam, main supervisor and examiner for 4 medical students, University of Southern Denmark, Odense, Denmark.

2010-ongoing: Research training exam, main supervisor and examiner for 5 residents, University of Southern Denmark, Odense, Denmark.

Examiner - external

2016: Troels Brynskov, PhD, Monitoring of diabetic retinopathy and changes in related biomarkers after bariatric surgery in patients with type 2 diabetes, external member of assessment committee, Copenhagen University, Copenhagen, Denmark

2014: Christoffer Ostri, PhD, Intraocular surgery in a large diabetes patient population: risk factors and surgical results, external member of assessment committee, Copenhagen University, Copenhagen, Denmark

2014: Tracy Høeg, PhD, The Danish Rural Eye Study – Ophthalmologic Epidemiology in Næstved, Denmark, external member of assessment committee, Copenhagen University, Copenhagen, Denmark

2016: Troels Brynskov, PhD, Monitoring of diabetic retinopathy and changes in related biomarkers after bariatric surgery in patients with type 2 diabetes, external member of assessment committee, University of Copenhagen, Copenhagen, Denmark

2017: Lasse Jørgensen Cehofski, PhD, The retinal protein profile in experimental branch retinal vein occlusion, external member of assessment committee, Aalborg University, Aalborg, Denmark.

2018: Shakoor Ba-Ali, PhD, The function of intrinsically photosensitive retinal ganglion cells in selected neuroretinal degenerative disease – a pupillometric evaluation, external member of assessment committee, University of Copenhagen, Copenhagen, Denmark

2018: Olga Simó Servat, Neurodegeneration and inflammation: two crucial pathogenic events in diabetic retinopathy, external reviewer, Universitat Autònoma de Barcelona, Barcelona, Spain

2019: Ragnhild Wivestad Jansson, MD, Diabetic retinopathy in Western Norway and early markers of disease progression, external member of assessment committee, University of Bergen, Norway

2014-2018: Member of the National Corps of External Examiners in Medicine.

2014-2018: Member of the National Corps of External Examiners in Science of Public Health and related areas

Supervisor

PhD studies:

2010-2014: Rebecca Broe, PhD, Incidence of retinopathy and associated risk factors in children and young patients with type 1 diabetes in Denmark, since 2013 main supervisor, University of Southern Denmark, Odense, Denmark
Anders Højslet Vestergaard, PhD, Refractive surgery: a retrospective study of long-term follow-up results after

photorefractive keratectomy and a prospective study of refractive lenticule extraction, since 2013 main supervisor, University of Southern Denmark, Odense, Denmark
2011-2015:Malin Lundberg Rasmussen, PhD, Predictors of diabetic retinopathy in young patients with type 1 diabetes in Denmark – a cohort study, since 2013 main supervisor, University of Southern Denmark, Odense, Denmark
2013-2016:Ulrik Frydkjær-Olsen, PhD, Association between neurogenic and vascular changes in early diabetic retinopathy, main supervisor, University of Southern Denmark, Odense, Denmark
2013-2016:Christina Døfler Poulsen, PhD, A clinically prospective study of patients operated for retinal detachment at Odense University Hospital, and a retrospective study of techniques of operation for retinal detachment at Odense University Hospital, main supervisor, University of Southern Denmark, Odense, Denmark
2014-2017:Thomas Lee Torp, The individually marked panretinal laser photocoagulation for proliferative diabetic retinopathy study: IMPETUS 2018 – DETECT, main supervisor, University of Southern Denmark, Odense, Denmark
2014-2018:Kristian Lundberg, The CHAMPS Eye Study: myopia and retinal vessel changes in relation to physical exercise, main supervisor, University of Southern Denmark, Odense, Denmark
2014-2018:Kerstin Soelberg, Optic neuritis: clinical, immunological and clinical aspects. A translational research project in the Region of Southern Denmark, co-supervisor, University of Southern Denmark, Odense, Denmark
2015-2019:Søren Leer Blindbæk, Aflibercept and navigated versus conventional laser in diabetic macular edema (ADDENDUM), main supervisor, University of Southern Denmark, Odense, Denmark
2017-ongoing:Anna Stage Vergmann, The individually marked panretinal laser photocoagulation for proliferative diabetic retinopathy study: IMPETUS 2018 – TREAT, main supervisor, University of Southern Denmark, Odense, Denmark
2018-ongoing:Jakob Holm Andersen, Automatic screening of diabetic retinopathy by artificial intelligence, co-supervisor, University of Southern Denmark, Denmark
2018-ongoing:Katrine Hartmund Frederiksen, Navigated laser in branch Retinal Vein occlusion study (NIRVANA), main supervisor, University of Southern Denmark, Odense, Denmark
2018-ongoing:Anna Bryndís Einarsdóttir, The eye is a window to the rain: Retinal oximetry in central nervous system diseases, co-supervisor, University of Iceland, Reykjavik, Iceland
2019-ongoing:Anne Suhr Thykjær, Diabetic retinopathy in response to systemic treatment and intervention – real world data from a national Danish database, main supervisor, University of Southern Denmark, Odense, Denmark
2019-upcomingAnders Bossel Holst Christensen, Automatic detection of diabetic macular edema in optical coherence tomography images using artificial intelligence, co-supervisor, University of Southern Denmark, Odense, Denmark

Research training:

2010-2011:Jesper Pindbo Vestergaard and Vibeke Rørbæk Aasholm, Perforating eye injuries, main supervisor, Odense University Hospital, Odense, Denmark
2013-2014:Christopher Rud-Sørensen, A follow-up of patients treated with Ozurdex for retinal vein occlusions at Odense University Hospital, main supervisor, Odense University Hospital, Odense, Denmark
2012-2015:Rune Holmbjörn, Correlation between subjective and objective visual experience for patients treated with ranibizumab for age-related macular degeneration in Vejle Hospital, main supervisor, Odense University Hospital, Odense, Denmark
2013-2015:Sune Bracke Dahl, A retrospective evaluation of patients treated for retinal vein occlusion at Odense University Hospital, main supervisor, Odense University Hospital, Odense, Denmark
2014-2017Maria Rene Andersen, Retinal structural changes in patients with optic neuritis, main supervisor, Odense University Hospital, Odense, Denmark
2017-ongoing:Kathrine Leth-Møller, Retinal vascular structure independently predicts initial treatment-response in neovascular age-related macular degeneration, main supervisor, Odense University Hospital, Odense, Denmark
2018-ongoing:Mikkel Straarup Thagaard, Topical treatment in diabetic retinopathy, main supervisor, Odense University Hospital, Odense, Denmark

Pregraduate studies:

2010-2011:Kristian Lundberg, Changes in vascular calibers after central laser treatment in diabetic macular edema, main supervisor, University of Southern Denmark, Odense, Denmark
2013-2014:Rasmus Søgaard Hansen, Retrospective examination of cooling photorefractive keratectomy (PRK) and small-incision lenticule extraction (SMILE) for the treatment of refractive abnormalities, main supervisor, University of Southern Denmark, Odense, Denmark
2014-2015:Morten Juul Bøgelund Hansen, Diabetic retinopathy in Europe – prevalence and risk factors, main supervisor, University of Southern Denmark, Odense, Denmark
2015-2016:Anna Stage Vergmann, Virtual reality surgery: construction of a training program and analysis of significant factors for operating performance, main supervisor, University of Southern Denmark, Odense, Denmark
2016-2018Louise Abrahamsen Ravn, Aggregating effects of microfibrillar-associated protein 4 (MFAP4) in neovascular age-related macular degeneration (nAMD), main supervisor, University of Southern Denmark, Odense, Denmark
2016-2017Ditte Borup Jakobsen, Non-invasive retinal markers of disease activity in patients with neovascular age-related macular degeneration (nAMD), main supervisor, University of Southern Denmark, Odense, Denmark
2017-2018:Gwen Weisner, Non-invasive structural and metabolic retinal markers of disease activity in non-proliferative diabetic retinopathy, main supervisor, University of Southern Denmark, Odense, Denmark
2018-2019:Sebastian Dinesen, Non-invasive markers of retinal structure and metabolism in relation to cardio metabolic parameters and arterial function and molecular composition in ischemic heart disease, main supervisor, University of Southern Denmark, Odense, Denmark
2019-ongoing:Astrid Kindt, Non-invasive retinal markers of ocular sarcoidosis, main supervisor, University of Southern

Denmark, Odense, Denmark

Laura Berg Sørensen, Retinal and choroidal changes present in pregnant women with preeclampsia, co-supervisor, University of Southern Denmark, Odense, Denmark

Sarah Bjørn Petersen, Pre-training on abstract training modules in virtual vitreoretinal surgery: does it affect the learning-curve when proceeding to the procedure-specific modules? main supervisor, University of Southern Denmark, Odense, Denmark

Master's theses:

2009:Gregers Halvorsen and Sahand Nazari, Diabetes mellitus and refractive change, main supervisor, University of Southern Denmark, Odense, Denmark

Mette Borg Madsen and Mie Gaedt Paulsen, Smoking and diabetic retinopathy in type 1 diabetes, main supervisor, University of Southern Denmark, Odense, Denmark

Charlotte Karlberg and Christine Falk, Why does microvascular complications in eyes and kidneys differ in type 1 diabetes?, main supervisor, University of Southern Denmark, Odense, Denmark

2010:Jonas Vejvad Nørskov Laursen and Stine Skovbo Hoffmann, Association between diabetic retinopathy and inflammation in type 1 diabetes, main supervisor, University of Southern Denmark, Odense, Denmark

Anna Emanuelsson and Anna Maltesson, Retinal vascular caliber and vascular fractal dimension as a predictor for retinopathy in type 1 diabetes mellitus, main supervisor, University of Southern Denmark, Odense, Denmark

2011:Lis Høy Marbjerg, New treatment of diabetic macular edema, co-supervisor, University of Southern Denmark, Odense, Denmark

2012:Jacob Juul Jensen, Laser treatment of diabetic retinopathy, main supervisor, University of Southern Denmark, Odense, Denmark

Søren Blindbæk Larsen, Prophylactic treatment of retinal breaks, main supervisor, University of Southern Denmark, Odense, Denmark

2013:Joel Bergqvist and Anna Persson, Evaluation of Eyesi Ophthalmosurgical Simulator as a tool of development of surgical skills, main supervisor, University of Southern Denmark, Odense, Denmark

Jacob Snedker, Advanced analysis of the retinal vascular system, main supervisor, University of Southern Denmark, Odense, Denmark

2014:Knud Beier Pedersen, Inter-eye agreement in retinal vascular fractal dimension in patients with type 1 diabetes, main supervisor, University of Southern Denmark, Odense, Denmark

Camilla Gullord Graff, Corneal confocal microscopy: an early marker of nerve damage, main supervisor, University of Southern Denmark, Odense, Denmark

2015:Anne Suhr Thykjær, Is there an association between exercise and the development of myopia? main supervisor, University of Southern Denmark, Odense, Denmark

Karoline Bøgeberg Jonsson, Vascular changes and neurodegeneration in early stages of diabetic retinopathy; which comes first? main supervisor, University of Southern Denmark, Odense, Denmark

2016:Sandra Karin Monica Rilvén, Retinal oximetry in healthy subjects and patients with retinal diseases, main supervisor, University of Southern Denmark, Odense, Denmark

2017:Mads Fonager Nørgaard, Automatic screening of diabetic retinopathy, main supervisor, University of Southern Denmark, Odense, Denmark

2018:Pernille Rævdal, Comparison of corneal biomechanical changes of small incision lenticule extraction (SMILE) vs. flap-based refractive surgery – a systematic review, co-supervisor, University of Southern Denmark, Odense, Denmark

Julie Nilssen Viken and Sunniva Kruse Johannesen, Optical coherence tomography angiography in diabetic retinopathy, main supervisor, University of Southern Denmark, Odense, Denmark

Katrine Baldus Nielsen and Mie Louise Lautrup, The use of artificial intelligence for automatic gradation of retinal diseases, main supervisor, University of Southern Denmark, Odense, Denmark

Rasmus Christian Rasmussen, Vitreoretinal simulation surgery in the training of novices: a systematic review, main supervisor, University of Southern Denmark, Odense, Denmark

2018:Anne Møller Stenner, Is there still a role of macular laser treatment in branch retinal vein occlusion in the era of vascular endothelial growth factor inhibition? main supervisor, University of Southern Denmark, Odense, Denmark

Marie Leonora Mellum, Virtual vitreoretinal surgery – effect of distracting factors on surgical performance, main supervisor, University of Southern Denmark, Odense, Denmark

2019:Dennis Møller, Changes in retinal microvascular parameters after low-carbohydrate-high-fat-diet in type 2 diabetes: a randomized controlled trial of Danish type 2 diabetes patients, main supervisor, University of Southern Denmark, Odense, Denmark

Anna Sofie Elkjær and Sidsel Kirstine Lehn Lyngø, Diabetic retinopathy: prophylactic effect of systemic treatment? main supervisor, University of Southern Denmark, Odense, Denmark

2019 (ongoing):Rughieh Yuusufi, Comparison of original and generic preparations for treatment of glaucoma – a literature review on prostaglandin analogues, co-supervisor, University of Southern Denmark, Odense, Denmark