

Curriculum vitae Michael Larsen October 15, 2014

9/1977 – 2/1985	Faculty of Health Sciences, University of Copenhagen, M.D.
4/1993	Doctor of Medical Science (DMSc/dr.med.), University of Copenhagen
7/1999 –	Consultant Ophthalmologist, Medical Retina, Herlev/Glostrup Hospitals
7/2006 – 6/2008	Interim Chairman, National Eye Clinic, Copenhagen
8/1996 – 12/2006	Associate Professor of Clinical Ophthalmology, University of Copenhagen
1/2007 –	Full Professor of Clinical Ophthalmology, University of Copenhagen

PhD students

25 current or past PhD students, 40 current or past project students (bachelor or candidate)

Citation index

H-index 29, incl. group authorships (www.researcherid.com/rid/E-9620-2010)

Primary scientific interests

Clinical and experimental research in diseases of the retina and noninvasive optical methods for assessment of ocular function and structure. Intervention studies using optical coherence tomography (OCT) as the enabling technology for therapeutic advances that have reduced the incidence of blindness in Denmark by two thirds within a decade. Disorders of retinal adaptation to metabolic challenges such as diabetes and hereditary retinal degeneration.

Recent original peer-reviewed papers

- Holfort SK et al. Scotopic electrophysiology of the retina during transient hyperglycemia in type 2 diabetes. *Invest Ophthalmol Vis Sci* 2010;51:2790–2794 DOI:10.1167/iovs.09-4891.
- Holfort SK et al. Retinal function in relation to improved glycemetic control in type 1 diabetes. *Diabetologia* 2011 Jul;54(7):1853-61.
- Bertelsen M et al. Comorbidity in patients with branch retinal vein occlusion: case-control study. *BMJ* 2012;345.
- Leruez S et al. OPA1-related sensorineural hearing loss. *Brain* 2012.
- Johnson L et al.: Retinal Adaptation to Changing Glycemic Levels in a Rat Model of Type 2 Diabetes. *PLoS One* 2012.
- Bloch SB et al.: Subfoveal fibrosis in eyes with neovascular age-related macular degeneration treated with intravitreal ranibizumab. *Am J Ophthalmol* 2013 May 8.
- Rasmussen A et al.: A four-year cohort study of 558 patients treated with ranibizumab for neovascular AMD: visual results, discontinuations, safety and mortality. *Ophthalmology* 2013.
- Sander B et al. Impact of changes in metabolic control on progression to photocoagulation for clinically significant macular edema: 20-year study of type 1 diabetes. *Diabetologia* 2013 Aug 30.
- Bertelsen M et al. Mortality in patients with central retinal vein occlusion. *Ophthalmology* 2013.
- Rönnbäck C, Milea D, Larsen M. Imaging of the macula indicates early completion of structural deficit in autosomal dominant optic atrophy. *Ophthalmology*, in press.
- Nagiel A et al. Mechanism of Retinal Pigment Epithelium Tear Formation Following Intravitreal Anti-Vascular Endothelial Growth Factor Therapy Revealed by Spectral-Domain Optical Coherence Tomography. *Am J Ophthalmol*. 2013.
- Li XQ et al. Subfoveal choroidal thickness in 1323 children aged 11-12 years and association with puberty: The Copenhagen Child Cohort 2000 Eye Study. *IOVS* 2014.
- Schubert et al. Cadherin 5 is Regulated by Corticosteroids and Associated with Central Serous Chorioretinopathy. Accepted for publication, *Human Mutation*.