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# Dr. med. Dr. sc. nat. Mathias Abegg

Spécialiste en ophtalmologie, spéc. en ophtalmochirurgie

## Lingue

DE

## Formazione

| | |
|---|---|
| 2010 | Fellowship in strabismus surgery, Rotterdam Eye Hospital, Holland |
| 2004–2007 | Resident at the University Eye Clinics in Zurich and Bern |
| 2000–2004 | International PhD programme in Neuroscience, Centre for Neuroscience Zurich |
| 1999–2004 | MD/PhD programme at the Institute for Brain Research Zurich |
| 1993–1999 | Medical studies in Zurich and Lausanne |

## Esperienze professionali

| | |
|---|---|
| dal 2022 | Co-owner and ophthalmologist, ONOVIS eye practice, Berne |
| 2014–2022 | Head of Orthoptics, University Clinic for Ophthalmology, Inselspital, Bern |
| 2010–2014 | Senior Physician, Department of Ophthalmology, Inselspital, Bern |
| 2008–2009 | Fellow in Neuroophthalmology, University of British Columbia, Canada |
| 2006–2007 | Resident, Department of Ophthalmology, Inselspital, Bern |
| 2004–2006 | Resident, University Hospital Zurich |
| 1999–2004 | PhD student, Institute for Brain Research, Zurich |

## Competenze

**Qualifications professionnelles / diplômes**

2017 - Professeur associé, Université de Berne

2017 - Titre de formation approfondie "Ophtalmochirurgie".

2014 - Habilitation, Université de Berne

2008 - Spécialiste FMH & F.E.B.O. en ophtalmologie,

2005 - Doctorat en sciences, Université de Zurich
Titre de la thèse : "Neurotransmission in the Injured Brain".

2003 - Diplôme de neurobiologie, physiologie et biologie moléculaire, Université de Zurich

2001 - Doctorat en médecine, Université de Zurich
Titre de la thèse : "Therapeutic Strategies in Retinitis Pigmentosa : light at te End of the Tunnel" (stratégies thérapeutiques dans la rétinite pigmentaire : lumière au bout du tunnel)

## Pubblicazioni


Belachew, Nebiyat F., Severin Baschung, William Almiri, Ruben Encinas, Johannes Kaesmacher, Tomas Dobrocky, Christoph J. Schankin, et al. "Casper Versus Precise Stent for the Treatment of Patients with Idiopathic Intracranial Hypertension." Clinical Neuroradiology, May 18, 2021. https://doi.org/10.1007/s00062-021-01024-2.

Morrison, Miranda, Hassen Kerkeni, Athanasia Korda, Simone Räss, Marco D. Caversaccio, Mathias Abegg, Erich Schneider, and Georgios Mantokoudis. "Automated Alternate Cover Test for 'HINTS' Assessment: A Validation Study." European Archives of Oto-Rhino-Laryngology, July 23, 2021. https://doi.org/10.1007/s00405-021-06998-w.

Petroulia, Valentina Daphne, Dominik Brügger, Robert Hoepner, Rino Vicini, Anna Winklehner, Mathias Abegg, and Franca Wagner. "MRI Signs Helpful in the Differentiation of Patients with Anterior Ischaemic Optic Neuropathy and Optic Neuritis." The British Journal of Ophthalmology, July 19, 2021. https://doi.org/10.1136/bjophthalmol-2021-319537.

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Kucur, Şerife Seda, Sebastian Häckel, Jan Stapelfeldt, Jeannine Odermatt, Milko E. Iliev, Mathias Abegg, Raphael Sznitman, and Rene Höhn. "Comparative Study Between the SORS and Dynamic Strategy Visual Field Testing Methods on Glaucomatous and Healthy Subjects." Translational Vision Science & Technology 9, no. 13 (December 2, 2020). https://doi.org/10.1167/tvst.9.13.3.

Veselaj, Krenar, Nicole Kamber, Myriam Briner, Christoph Friedli, Lara Diem, Kirsten Guse, Andrei Miclea, et al. "Evaluation of Diagnostic Criteria and Red Flags of Myelin Oligodendrocyte Glycoprotein Encephalomyelitis in a Clinical Routine Cohort." CNS Neuroscience & Therapeutics, October 13, 2020. https://doi.org/10.1111/cns.13461.

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Mühlemann, Fabian, Hilary Grabe, Anthony Fok, Franca Wagner, Dominik Brügger, Claire A. Sheldon, and Mathias Abegg. "Homonymous Hemiatrophy of Ganglion Cell Layer from Retrochiasmal Lesions in the Visual Pathway." Neurology 94, no. 3 (21 2020): e323-29.

Vicini, Rino, Dominik Brügger, Mathias Abegg, Anke Salmen, and Hilary Michelle Grabe. "Differences in Morphology and Visual Function of Myelin Oligodendrocyte Glycoprotein Antibody and Multiple Sclerosis Associated Optic Neuritis." Journal of Neurology, August 12, 2020.

Abegg M, Ebneter A and Dysli M. Reply. *Retina* (Philadelphia, Pa.), February 25, 2019.

Dysli M, Ebneter A, Menke M, Zinkernagel M, Wolf S, Grabe H and Abegg M. Patients with Epiretinal Membranes Display Retrograde Maculopathy after Surgical Peeling of the Internal Limiting Membrane *Retina* (Philadelphia, Pa.), August 29, 2018.

Feil M, Abegg Meinrad and Abegg Mathias. "Timing of Concurrent Visual Stimuli Determines Modulation of Saccadic Amplitude." *Journal of Vision* 18, no. 11 (October 1, 2018): 8.

Mekabaty A, Gralla J, Meier N, Abegg M, Raabe A and Mordasini P. Sinus Stenting of Idiopathic Intracranial Hypertension. *Swiss Medical Forum* 18, no. 1 (2018): 26-28.

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Feil M, Moser B and Abegg M. The Interaction of Pupil Response with the Vergence System. *Graefe's Archive for Clinical and Experimental Ophthalmology*, 16 August 2017.

Brazerol J, Iliev ME, Höhn R, Fränkl S, Grabe H, Abegg M. Retrograde Maculopathy in Patients With Glaucoma. *J Glaucoma*. Feb 6 [Epub ahead of print] (2017).

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Dysli M and Abegg M Nystagmus is not Limiting Reading Ability in Albinism *PlosOne*. Jul 8;11(7):e0158815 (2016).

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Ebneter A, Jaggi D, Abegg M, Wolf S and Zinkernagel M Relationship between presumptive inner nuclear layer thickness and geographic atrophy progression in age-related macular degeneration *Invest Ophthalmol Vis Sci*. Jul 1;57(9):OCT 299-306 (2016).

Dysli M and Abegg M. Gaze Dependent Phoria and Vergence Adaptation. *Journal of Vision*. Feb 1;16(3):2 (2016).

Bär S, Hauf M, Barton JJS, Abegg M. The neural network of saccadic foreknowledge. *Experimental Brain Research*. October 2015.

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Dysli C, Quellec G, Abegg M, et al. Quantitative analysis of fluorescence lifetime measurements of the macula using the fluorescence lifetime imaging ophthalmoscope in healthy subjects. *Invest Ophthalmol Vis Sci*. 2014;55(4):2106-2113.

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### Book chapter

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Abegg M and Barton J *Visual Dysfunction From Lesions of the Cerebral Cortex* Book chapter for Duane's Ophthalmology, Lippincott Williams & Wilkins

## Accreditamento

Swiss Visio Siloah

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## Specialità

Oftalmologia (oculistica)

Strabismo

Chirurgia oculistica

## Contatto

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