

## CURRICULUM VITAE

**Prof. Dr. med. Elisabeth M. Messmer, F.E.B.O.,**

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1969-1973	Elementary School Wasserburg/Bodensee
1973-1982	Gymnasium Lindau/B; Abitur 1982
1983-1990	Medical School, Ludwig-Maximilians-University Munich 5/90: State exam in Human Medicine <b>Doctoral Thesis:</b> „Ophthalmological complications associated with leprosy treated by multi-drug-therapy including Diaminodiphenylsulfon (DDS), Rifampicin and Clofazimine"
Aug.-Nov. 1990	Study visit at Harvard Medical School, Massachusetts Eye and Ear Infirmary, Boston, MA, U.S.A.
Febr.-Juli 1991	Ärztin im Praktikum, University Eye Hospital Würzburg, Germany (Chairman: Prof. Dr. A. Kampik)
July 91-Febr. 93	Research Fellow in Ophthalmology ( <b>Grant from the German Ophthalmological Society</b> ) Harvard Medical School, Massachusetts Eye and Ear Infirmary, Boston, MA, U.S.A. (Cornea and ocular immunology, C. Stephen Foster)
March 93-Sept. 93	Residency, University Eye Hospital Würzburg (Chairman: Prof. Dr. A. Kampik)
Oct. 93-June 97	Residency, Ludwig-Maximilians-University, Department of Ophthalmology (Chairman: Prof. Dr. A. Kampik) <b>Board Exam:</b> 18.06.97
Since June 97	Faculty member, Ludwig-Maximilians-University, Department of Ophthalmology (Chairman: Prof. Dr. A. Kampik) Specialties:    Medical and surgical cornea Inflammatory diseases of the anterior segment of the eye Dry eye disease  Head of department of ophthalmic pathology
Since May 2003	„Fellow of the European Board of Ophthalmology“ (F.E.B.O.)
May 2007	Assistant professor (“Habilitation” in Ophthalmology: “In vivo confocal microscopy of the conjunctiva”)
January 2014	Professor in Ophthalmology

## Scientific projects

- Pathogenesis of herpes keratitis in a mouse model (role of natural killer cells)
- Pathogenesis of uveitis in a rabbit model
- Conjunctival immunohistochemistry in selective conjunctival and corneal diseases in humans
- Electron microscopic examination of human epiretinal membranes
- Histology of choroidal neovascularizations
- Clinical studies in destructive ocular inflammation associated with rheumatoid arthritis
- Clinical studies to evaluate macular hole surgery
- Clinical studies evaluating bullous skin diseases with ocular involvement
- Clinical study to analyze the efficacy of multiple artificial tears in the therapy of dry eye
- In vivo confocal microscopy to evaluate conjunctival anatomy, inflammation, and tumors

## Clinical Studies

Indication	Eudra CT-No.	Phase	Function	Year
Famciclovir/Aciclovir in Herpes Zoster Ophthalmicus		III	PI	1995
Topical Ciclosporine in dry eye		III	PI	1997
Cellufresh purite®/Artelac® in Dry eye		IV	PI	1998
Solcoseryl®/Actihaemyl® in the reepithelialisation of corneal erosions following penetrating keratoplasty		III	PI	1998
Clinical studies to evaluate Cellcept, Basiliximab and Ciclosporin episcleral implant to prevent corneal graft rejection following penetrating keratoplasty		III/IV	PI	2005-2010
Ciclosporine Ophthalmic solution compared to vehicle in atopic keratoconjunctivitis	2009-012446-23	III	PI	2009
Fancy Study to evaluate HLA-A,B-DR-matching in Corneal transplantation	NCT00810472		PI	2012-2016
Multicenter Study to evaluate Cyclocat in Dry Eye	2011-00016097	III	Subinvestigator	2011
NGF in neurotrophic keratitis	2012-002527-25	II/III	PI	2015-2017
<b>2011-17: multiple studies to evaluate tear film osmolarity, meibography, in vivo confocal microscopy, and MMP-9-tests in the diagnosis of dry eye</b>				

## Further activities

June 1995: United States Medical Licensing Examination, USMLE Step 1

March 1996: United States Medical Licensing Examination, USMLE Step 2

- Tutor in Harvard-NerV-Kurs
- Organization of the „Basic Science Course in Ophthalmology“ in Munich/Venice since 1998 in cooperation with DOG

## Memberships

- Member of the Executive Committee of the German Ophthalmological Society (DOG)
- Member of the Tear Film & Ocular Surface Society (TFOS)
- Executive Committee Member of the Department “Dry Eye and Ocular surface disease” of the Association of German Ophthalmologists (BVA)
- Member of the Ocular Surface Disease Study Group
- Member of the Association of Research in Vision and Ophthalmology (ARVO)
- Member of the European Ocular Surface Disease Study Group
- Member of German Ophthalmic Pathologists (DOP)
- Member of the European Ophthalmic Pathology Society (EOPS)

## Reviewer for the following scientific journals

- Investigative Ophthalmology and Visual Sciences
- Ophthalmology
- American Journal of Ophthalmology
- Graefe's Archive for Clinical and Experimental Ophthalmology
- Cornea
- Eye
- Ophthalmic Research
- Der Ophthalmologe
- Klinische Monatsblätter für Augenheilkunde