

## Curriculum Vitae – Prof. Dr. med. Dr. rer. nat. Franz H. Grus

### Personal Information

Place of birth: Dorsten, Germany  
Citizenship: German

### Education

- **Habilitation** and *venia legendi* in Experimental Ophthalmology
- **Registration as medical scientist (Approbation)**
- **Graduation as Dr. med. (summa cum laude)**
- Studies in Human Medicine, RWTH Aachen, Germany
- **Graduation as Dr. rer. nat.**
- Graduation as Biologist (Diploma)
- Studies in Biology, RWTH Aachen, Germany

### Scientific Career

- Head of the Experimental Ophthalmology, University Medical Center of the Johannes Gutenberg University Mainz
- Research Assistant at the Dept. of Ophthalmology, University Mainz
- Research Assistant at the Dept. of Ophthalmology, University Bonn

### Habilitation in Pathophysiology of the eye

Topic: „Quantitative analysis of autoantibody-repertoires in ophthalmologic autoimmune diseases and of tear protein patterns in Sicca-syndrome“; University Medical Center of the Johannes Gutenberg University Mainz

### Medical Dissertation

Topic: “A fast and easy approach for the analysis of complex autoantibody patterns“. Medical Faculty of the University Essen, Germany, Clinic of Neurology; “Summa cum laude”

### Ph.D. thesis

Topic: „Electrophysiological in vivo and in vitro experiments on the kinetics of activation and inactivation of rhodopsin in the median eye of *Limulus polyphemus*“. Faculty of Mathematics and Natural Sciences, RWTH Aachen, Germany; “Magna cum laude”

### Diploma thesis in Biology:

"Development of a computer-controlled light stimulation and measurement recording of the light response of the ventral nerve photoreceptor of *Limulus* and a method for micro-circulation of the external medium". Dept. of Biology II (Zoology), RWTH Aachen, Germany

### Scholarships and Awards

2008: Funding of the DOG for innovative projects in Ophthalmology, € 25.000  
2005: Research Award of the Kröner Foundation (DOG), € 10.000  
1998-2008: Several „Best Poster-Awards“

### **Membership in scientific societies**

1. German Society of Ophthalmology (DOG)
2. Association for Research in Vision and Ophthalmology (ARVO)
3. European Society of Vision and Eye Research (EVER)
4. Tear Film and Ocular Surface Society (TFOS)
5. European Glaucoma Society (EGS)

### **Reviewer for international Journals**

1. Investigative Ophthalmology and Visual Sciences (IOVS)
2. Graefe's Archives of Ophthalmology
3. Current Eye Research
4. Experimental Eye Research
5. Molecular Vision
6. American Journal of Ophthalmology
7. Proteomics
8. Electrophoresis
9. Ophthalmology