# Curriculum Vitae Priv.-Doz. Dr. Yoko Miura (M.D., Ph.D.)

Born in Osaka, Japan

### **Professional qualification**

2017: Habilitation (Ophthalmology, University of Lübeck)

2014: Specialist of Ophthalmology in Germany

2012: Medical license in Germany

2011: Permission of medical works in Schleswig-Holstein, Germany

2002: Specialist of Ophthalmology in Japan

2002: Promotion (Ophthalmology, Osaka City University, Japan)

1997: Medical license in Japan

## **Research topics**

- 1. Laser-tissue interaction of the eye
- 2. Photothermal responses of retinal cells
- 3. Sub-lethal RPE (retinal pigment epithelium) thermal treatment
- 3. Fluorescence lifetime measurement of the retina
- 4. Oxidative stress and retinal disease

#### **Education**

04. 1991 – 03.1997	Study medicine, Osaka City University School of Medicine (Osaka, Japan)
04.1998- 03.2002	PhD: Department of Ophthalmology, Graduate School of Medicine, Osaka City University (Osaka, Japan)
	Promotion (03.2002): "Hepatocyte Growth factor stimulates proliferation and migration of retinal pigment epithelial cells in vitro"

### **Professional career**

09. 2013 – today	Research group leader, Institute of Biomedical Optics, University of Lübeck /Medical Laser Center Lübeck
01. 2014 – today	Ophthalmology specialist, Eye clinic in University Hospital Schleswig-Holstein (UKSH), Campus Lübeck
04. 2010 – today	Guest lecturer, Department of Ophthalmology, Graduate School of Medicine, Osaka City University (Osaka, Japan)
03. 2012 –12.2013	Medical resident, Eye clinic in University Hospital Schleswig-Holstein (UKSH), Campus Lübeck
08. 2009 – 08.2013	Senior research scientist, Institute of Biomedical Optics, University of Lübeck



02. 2007 - 05. 2009	Research scientist, Eye clinic in University Hospital Schleswig-Holstein (UKSH), Campus Kiel
04. 2003 -12. 2006	Assistant Professor, Osaka City University, Department of Ophthalmology (Osaka, Japan)
04. 2002 - 03. 2003	Medical resident, Osaka City General Hospital, Deparment of Ophthalmology (Osaka, Japan)
05. 1997 - 03. 2002	Medical resident, Osaka City University Hospital, Department of Ophthalmology (Osaka, Japan)

# Awards/Granted Projects/Scholorships

### 2018 EYEnovative Förderpreis

2017 BMBF (Federal Ministry of Education and Research)-Project: "MetaNetz" (Früherkennung und -Behandlung metabolischer Degeneration an der Netzhaut des Auges)

2016 AFOSR-Research project: "Cell response determinants in laser-induced thermal impacts"

2015 DAAD-Project: "Partnership project with Waseda University (WABIOS)

2014 Industry project: Basic research of retinal FLIM (FLIO)

2013 DAAD-grant "Presentation trip"

2013 BMBF-research project: "I-cube" (subproject: "sublethal RPE laser treatment")

2013 Habilitation scholarship, University of Lübeck

2012 ARVO internatioinal travel grant

2004 Osaka eye bank funding for ophthalmic research

2003 Ichizo Ikeda encouragement award (Publication award in Osaka City University)

Language skill Japanese: native

English: fluent German: good