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- Human Visual System –
Physiology, Pathophysiology, Rehabilitation & Vision Restoration

February 13th 2016
Ophthalmic Department – Otto-von-Guericke University Magdeburg

**Speakers**

**Prof. Dr. Eyal Banin** (Hadassah Medical Center Jerusalem, IL)
Emerging gene & cell therapies for retinal degenerations

**Prof. Dr. Friedemann Paul** (Charité Berlin, G)
Optical coherence tomography – clinical & research applications in autoimmune CNS

**Dr. Wolf Harmening** (University of Bonn, G)
Adaptive optics in visual neuroscience – basics & clinical applications

**Prof. Dr. Michael Hoffmann** (University of Magdeburg, G)
The electrophysiologist’s view onto the pathological human visual system

**Dr. Netta Levin** (Hadassah Medical Center Jerusalem, IL)
From the eye to the brain – on the healthy visual system

**Dr. Noa Raz** (Hadassah Medical Center Jerusalem, IL)
Visual rehabilitation strategies to overcome damage along the visual system

**Prof. Dr. Hagen Thieme** (University of Magdeburg, G)
Vascular endothelial growth factor (VEGF) & retinal disease

**Prof. Dr. Eberhardt Zrenner** (University of Tübingen, G)
Current status of microelectronic aids in fighting blindness

**Program**

8:30am – 12:30: Lectures – “Foundations”
12:30 – 2pm: Lunch
2pm – 5pm: Lectures – “Frontiers”

**Registration**

Contact: anne.herbik@med.ovgu.de
Fee: 50,- EUR (free for NextGenVis & NWG members)
Deadline: December 18th 2015

**Organisation**

Prof. Dr. M. B. Hoffmann
(Ophthalmology, Otto-von-Guericke University Magdeburg, G)
Dr. N. Levin
(Neurology, Hadassah Hebrew Univ. Medical Center, Jerusalem, IL)

**CME Credits: 8**
(Continuing Medical Education)