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Homepage

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Units

Department of Ophthalmology

Position

Director of the Electrodiagnostic Department
Department of Ophthalmology

Former Positions

Department of Measurement and Information Systems, Budapest University of Technology, Hungary, 1979
Department of Physiology, University of Pécs, Hungary, 1980–81
Department of Ophthalmology, University of Pécs, Hungary, 1982–84
Institute of Biomedical Engineering, Swiss Federal Institute of Technology Zurich, Switzerland, 1984–85
Department of Ophthalmology, University of Pécs, Hungary, 1985–87
Department of Neurology, University of Zurich, Switzerland, 1987–88
Department of Ophthalmology, University of Pécs, Hungary, 1988–89
Department of Neurology, University of Zurich, Switzerland, 1989–90

Profile Function

chief of service

Research Area

Electrophysiology of Vision

Imaging of the Retina

Color Vision

Stereo Vision

Affiliations

International Society of Clinical Electrophysiology of Vision

Association for Research in Vision and Ophthalmology

Swiss Medical Association FMH

Publications (25)

Horváth G, Nemes V, Radó J, Czigler A, Török B, Buzás P, Jandó G. Simple reaction times to cyclopean stimuli reveal that the binocular system is tuned to react faster to near than to far objects. PloS one 2018; 13:e0188895.

Heckmann J, Sturm V, Landau K, Török B. [Assessment of Cyclofusion Capabilities of Normal Subjects with 3D Dynamic Random-Dot Stereograms]. Klin Monbl Augenheilkd 2017

Mikó-Baráth E, Markó K, Budai A, Török B, Kovács I, Jandó G. Maturation of cyclopean visual evoked potential phase in preterm and full-term infants. Invest Ophthalmol Vis Sci 2014; 55:2574-83.

Jandó G, Mikó-Baráth E, Markó K, Hollódy K, Török B, Kovács I. Early-onset binocularity in preterm infants reveals experience-dependent visual development in humans. Proc Natl Acad Sci USA 2012; 109:11049-52.

Markó K, Mikó-Baráth E, Kiss H, Török B, Jandó G. Effects of luminance on dynamic random-dot correlogram evoked visual potentials. Perception 2012; 41:648-60.

Valmaggia C, Török B. Role of the OCT in the diagnosis of acute zonal occult outer retinopathy. Klin Monbl Augenheilkd 2011; 228:360-1.

Markó K, Kiss H, Mikó-Baráth E, Bártfai O, Török B, Kovács I, Jandó G. Contrast independence of dynamic random dot correlogram evoked VEP amplitude. Journal of vision 2009; 9:8.1-10.

Lengyel D, Török B. [Acquired temporary night blindness in vitamin A and zinc deficiency in anorexia nervosa nine years after kidney transplantation]. Klinische Monatsblätter für Augenheilkunde 2006; 223:453-5.

Török B. [Simultaneous digital ICG and fluorescein videoangiography with the personal computer]. Klinische Monatsblätter für Augenheilkunde 2003; 220:80-2.

Török B, Bischoff P. [The St. Gallen digital ophthalmological imaging system]. Klinische Monatsblätter für Augenheilkunde 2002; 219:306-10.

Török B. [Albinism: diagnosis by visual evoked potentials]. Klinische Monatsblätter für Augenheilkunde 2001; 218:327-31.

Török B, Hirschi R, Székely G, Brechbühler C, Blass L, Barabás K, Bischoff P. [Automatic measurement of dye filling of simultaneous digital ICG- and fluorescein angiography sequences]. Klinische Monatsblätter für Augenheilkunde 2000; 216:268-71.

Bischoff P, Helbig H, Niederberger H, Török B. [Simultaneous ICG- and fluorescein-angiography for fundus examination]. Klinische Monatsblätter für Augenheilkunde 2000; 216:120-5.

Weigell-Weber M, Fokstuen S, Török B, Niemeyer G, Schinzel A, Hergersberg M. Codons 837 and 838 in the retinal guanylate cyclase gene on chromosome 17p: hot spots for mutations in autosomal dominant cone-rod dystrophy?. Archives of ophthalmology 2000; 118:300.

Török B, Niederberger H, Somorjai Z, Bischoff P. [Digital internet-based ophthalmologic image databank]. <i>Klinische Monatsblätter für Augenheilkunde</i> 1998; 212:264–7.
Török B, Bischoff P. [Simultaneous digital indocyanine green and fluorescein angiography]. <i>Klinische Monatsblätter für Augenheilkunde</i> 1996; 208:333–6.
Junghardt A, Wildberger H, Török B. Pattern electroretinogram, visual evoked potential and psychophysical functions in maculopathy. <i>Documenta ophthalmologica. Advances in ophthalmology</i> 1995; 90:229–45.
Bischoff P, Niederberger H, Török B, Speiser P. Simultaneous indocyanine green and fluorescein angiography. <i>Retina (Philadelphia, Pa)</i> 1995; 15:91–9.
Junghardt A, Wildberger H, Robert Y, Török B. Pattern electroretinogram and visual evoked potential amplitudes are influenced by different stimulus field sizes and scotomata. <i>Documenta ophthalmologica. Advances in ophthalmology</i> 1993; 83:139–49.
Simonsz H, Reckert I, Török B. [Length-tension measurement of oblique eye muscles in strabismus operations for differentiating trochlear paralysis and strabismus sursoadductorius]. <i>Klinische Monatsblätter für Augenheilkunde</i> 1992; 200:414–7.
Török B. High frequency components of luminance and pattern evoked electroretinograms. <i>Clin. Vis. Sci.</i> 1992; 7:413–419.
Török B, Wildberger H. The influence of pattern size on amplitude, latency and wave form of retinal and cortical potentials elicited by checkerboard pattern reversal and stimulus onset-offset. <i>Electroencephalography and clinical neurophysiology</i> 1992; 84:13–9.
Török B. Microcomputer-based recording system for clinical electrophysiology. <i>Documenta ophthalmologica. Advances in ophthalmology</i> 1990; 75:189–97.
Lantos J, Sárosi I, Temes G, Török B. Influence of protective drugs on the EEG during short-term transient ischaemia. <i>Acta physiologica Hungarica</i> 1990; 75:217–27.
Meyer M, Török B. [Direct opto-electronic analysis of the interaction of head and eye movements]. <i>Klinische Monatsblätter für Augenheilkunde</i> 1988; 192:130–3.

Projects (2)

Snellen-E Random-dot Stereotest

Clinical Studies - Nov 6, 1989 - Nov 6, 2015

Automatically Closed

WEB-based scoring software for the Farnsworth-Munsell 100-Hue, Roth 28-Hue, Farnsworth D-15, and the Lanthony D-15 desaturated color tests

Clinical Studies - Jun 15, 1984 - Nov 6, 2015

Automatically Closed

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