

## The editor and specialist

The editor of this page is Dr. Álmos Klekner, neurosurgeon, assistant professor of the

University of Debrecen, Medical and Health Science Center (MHSC), Department of Neurosurgical Clinical Unit, Debrecen, Hungary.

### Professional Curriculum Vitae:

- 1994 MSc in Medical Sciences at Medical University of Debrecen
- 2000 Board Certified Neurosurgeon
- 2002 Defended PhD dissertation titled "Polyamin Metabolism in Brain Tumors";
- 2004 Dr. Álmos Klekner is accredited as a professional lecturer at University of Debrecen
- 2005 Nomination to become assistant professor
- 2007 Board Certification in Oncology

### Workplace

University of Debrecen, Medical and Health Science Center (MHSC), Department of Neurosurgery, Hungary

The Department of Neurosurgery is one of the most prestigious centers of up-to-date pediatric neurosurgery, adult brain tumor surgery and spinal surgery in the Great Forest (Nagyerdő) district of Debrecen (the second largest town in Hungary), equipped according to European standards, and where patients are treated in a sanitary environment.

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### Study Tours Abroad: 1996

University of Cologne, Department of Neurosurgery Clinical Unit, Cologne, Germany  
 – 2 weeks 1998-1999 University of Cologne, Department of Neurosurgery, Clinical Unit, Neuro-Oncological Laboratory, Cologne, Germany – 1 year DAAD scholarship 2004 Miguel Hernandez University, Institute of Anatomy, Alicante, Spain; - 2 weeks

### Successful Research Grants:

1. OTKA T-020128/1995; participant, 1996-1999, HUF 1,400,000  
 Supervisor: Dr. Péter Molnár, DE OEC, Institute of Pathology
2. ETT 350/1996 participant, 1997-1999, HUF 1,500,000  
 Supervisor: Dr. György Csécséi, Department of Neurosurgery, Debrecen
3. Mecenatura 2004-2006; participant, HUF 750,000  
 Supervisor: Dr. Szabolcs Felszeghy, DE OEC, Institute of Anatomy
4. ETT: "The role of systemic histopathological aberrancies in early diagnosis of brain aneurysms". Duration: 2003-2005. Budget: HUF 3,000,000  
 Supervisor: Dr. Álmos Klekner
5. OTKA: "The examination of the role of EGFR and intergrins in tumor invasion in intracranial tumors". Duration: 2005-2008. Budget: HUF 6,000,000  
 Supervisor: Dr. Álmos Klekner

Cumulative impact factor: 19.71 Total citation index (without self-citation): 22

Memberships:

- Hungarian Neurosurgery Society
- Hungarian Neuropathology Society
- Hungarian Neuro-oncology Society
- European Neurosurgery Society

Scientific interest: Neuro-oncological Laboratory

1. Up-to-date treatment of brain tumors &ndash; see literature

Klekner A, Ernestus RI, Röhn G, Molnár P, Csécsei Gy, Klug N: Polyamine metabolism in ependymomas. *Path Int*, 46, S1: 625, 1996, IF: 0.748

Ernestus RI, Röhn G, Schröder R, Els T, Klekner A, Paschen W, Klug N: Polyamine metabolism in brain tumours: diagnostic relevance of quantitative biochemistry. *J Neurol Neurosurg Psychiatry* 71: 88-92, 2001, IF: 3.024

Klekner A, Röhn G, Schillinger G, Schröder R, Klug N, Ernestus RI: ODC mRNA as a prognostic factor for recurrence in meningiomas. *J Neuro-oncol.* 53: 67-75, 2001  
IF: 1.435

Klekner A, Ernestus RI, Röhn G, Molnár P, Csécsei Gy, Klug N: Polyamine metabolism in ependymomas. *Path Int*, 46, S1: 625, 1996, IF: 0.748

Dabasi G, Hauser P, Kertész GP, Balázs G, Karádi Z, Constantin T, Bogнар L, Klekner A, Schuler D, Garami M: Imaging of pediatric brain tumors using somatostatin analogue 111Ih-DTPA-D-Phe1-octreotide. *Magy Onkol*, 2007 51(3):229-234.2. Development of surgical techniques of degenerative disc pathography &ndash; see literature

Csécsei Gy, Klekner A, Sikula J: Posterior lumbar interbody fusion (PLIF) using the bony elements of the dorsal spinal segment. *Acta Chir Hun*, 36 (1-4): 54-56, 1997  
Csécsei Gy, Klekner A, Dobai J, Lajgut A, Sikula J: Posterior interbody fusion using laminectomy bone and transpedicular screw fixation in the treatment of lumbar spondylolisthesis. *Surg Neurol*, 53 (2-7): 2000, IF: 1.018 - CI: 3

3. Medicinal treatment of neurosurgical patients &ndash; see literature

Gáspár A., Kardos Sz., Andrási M., Klekner Á.: Capillary electrophoresis for the direct determination of cephalosporins in clinical samples. *Chromatographia* 54: 109-114, 2002 IF: 1.317

Klekner Á., A.Gáspár, S.Kardos, J.Szabó, Gy.Csécsei: Cefazolin prophylaxis in neurosurgery monitored by capillary electrophoresis, *J Neurosurg Anesth*, 15: 249-254, 2003 IF: 0.739

Klekner A, Bagyi K, Bogнар L, Gaspar A, Andrasi M, and Szabo J: Penetration of Cephalosporins into the Sputum in Nosocomial Bronchopneumonia. *J Clin Microbiol*, 2006 Sep; 44(9):3418-21 IF: 3.44

Andrasi M, Gaspar A, Klekner A: Analysis of cephalosporins in bronchial secretions by capillary electrophoresis after simple pre-treatment. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2006 Sep 13. IF: 2.175

Bagyi K, Márton I, Szabó J, Andrási M, Gáspár A, Varga I, Bogнар L, Klekner A: Efficacy of pre-operative cephalosporin prophylaxis in controlling pathogenic oral bacterial growth in comatose patients. *J Med Microbiol.* 2008 Jan 57:129-9 IF: 2.18

How to Get There: Address: 4032 Debrecen, Móricz Zs.krt. 22. Hungary, Europe. By plane: Ferihegy Airport, Budapest, Hungary, then  
1. Rent a car  
2. By train (info at the helpdesk on the airport) II.  
then take a taxi III. By car. See LINK