

Curriculum Vitae

Name: Géza Mezey MD

E-Mail: mezeyg@hotmail.com

Phone: Home UK 0114 2769504

Mobile UK 07985556865

Mobile HUN 0036304987164

Address: Hungary, H4032 Debrecen, Dóczy J. u.1.

Address: UK, Sheffield, 24 Apartment, 01 Napier, 1 Napier, S11 8HA

Current workplace: NHS, Royal Hallamshire Hospital, Dept of Neurosurgery and Stereotactic Radiosurgery, Glossop Road, Sheffield, S10 2JF

Previous workplace: University of Debrecen, Dept of Neurosurgery, Hungary 4032, Debrecen, Nagyerdei krt. 98.

Birth place, date: Hungary, Szeged, 10.08.1978.

University: Univ. of Szeged, Faculty of Medicine, 1996.-2001.

Univ. of Debrecen, Medical and Health Science Center, Faculty of Medicine
2001.-2002.

Degree: Medical Doctor, 90-117/2002. DE ÁOK University of Debrecen 2002.

Specialization: **Specialist of Neurosurgery 2011.**

According to the practice requirements of European Union of Medical
Specialist (UEMS) Spec. Board

GMC reference number: 7467918 Date of Issue: 07/02/2014

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Languages: English – fluent

State Language Examination Certificate, Medical, Profex, 1999

German – reading

University Language Examination, Basic level, 2014

Hungarian – native

Workplaces:

2002 - 2006	Univ. of Debrecen, Dept of Pharmacotherapy and Pharmacology – PhD student, university fellowship
2006 - 2011	Univ. of Debrecen, Dept of Neurosurgery - Clinical Physician
2007 - 2014	Univ. of Debrecen, Gamma Radiosurgery Center - Clinical Physician
2011 - 2014	Univ. of Debrecen, Gamma Radiosurgery Center - Specialist of Neurosurgery
2011 - 2014	Univ. of Debrecen, Dept of Neurosurgery - Specialist of Neurosurgery

- 11/2014 - Dept of Stereotactic Radiosurgery, Royal Hallamshire Hospital, Sheffield, UK – Research fellow
11/2014 - Dept of Neurosurgery, Royal Hallamshire Hospital, Sheffield, UK – Specialist registrar, Neurosurgery Gr 9.

Scholarships:

1999. Univ. Humbolt and Forschungsinstitut für Molekulare Pharmakologie, Germany, Berlin TEMPUS
2002. Universite Tor Vergata, Ospedale Fatebenefratelli, Italy, Rome ERASMUS

Postgraduate courses:

- 2005, 2011 „Good Clinical Practice” GCP Course, Debrecen
2006 ESPN, Seventh European Postgraduate Course in Pediatric Neurosurgery, Siófok
2007 ESPN, Seventh European Postgraduate Course in Pediatric Neurosurgery, Istambul
2008 ESPN, Seventh European Postgraduate Course in Pediatric Neurosurgery, Vietri sul Mare, final certificate

Field of interest in neurosurgery and experience:

- Intracranial tumor surgery (gliomas, metastases, extracerebral) – experience
Intracranial emergency, bleeding surgery - experience
Surgery of degenerative spinal disorders (including stabilization) and spinal extradural tumor surgery - experience
Stereotactic Radiosurgery (Gamma radiosurgery) – experience – own treatment day and outpatient clinic every week in Hungary
Stereotactic interventions (biopsy) - experience

Assisting: approximately 1000 cases

First surgeon: approximately 1000 cases (>50 cases in STH UK)

Gamma SRS: institutional cases 2785 in Hungary (continuous participate in treatments in STH UK)

(Detailed in operation log)

Scientific activity:

Tuition:

- 2003- 2006. Pharmacology practices, lectures and seminars in Hungarian and English
2008 - Neurosurgery seminars in Hungarian and English
2011 - Neurosurgery practices and seminars in Hungarian and English

Supervisory of diploma thesis:

2007. Evaluation of insulin sensitizing effect of low dose, per os administered retard isosbide mononitrate in rats, Dept of Pharmacology and Pharmacotherapy, Univ. of Debrecen
2013. Gamma-radiosurgical treatment of large size cystic metastasis after stereotactic volume reduction, Dept of Neurosurgery, Univ. of Debrecen
2013. Our experiences in the treatment of vascular malformations, Dept of Neurosurgery, Univ. of Debrecen

Selected lectures and posters:

Real-time identification of brain cancers in the neurosurgical theater. J Balog, T Szaniszló, **G Mezey**, L Bognár, Z Takáts, The association of Mass Spectrometry Applications to the Clinical Lab Conference, San Diego **2013**.

First year outcome of patients with vestibular schwannoma after rotating gamma system treatment. **G Mezey**, International Stereotactic Radiosurgery Society Congress, Paris, **2011**.

Complex neurosurgical and neuro-oncological treatment of intracranial metastases, role of onco-team. **G Mezey**, Congress of Hungarian Society of Neurosurgery, Szeged, **2011**. *invited lecturer*

Gamma-radiosurgical treatment of large-sized cystic metastasis after stereotactic volume reduction. **G Mezey**, J Dobai, I Fedorcsák, L Bognár, Congress of Hungarian Society of Neurosurgery, Debrecen **2009**.

Primary diffusely disseminated pilocytic astrocytoma: case report and review of the literature. **G Mezey**, J Tóth, L Novák, L Bognár, Congress of Hungarian Society of Neuro-oncology, Debrecen **2009**.

Low-grade gliomas, experiences in Debrecen, case reports I-II. **G Mezey** Congress of Hungarian Society of Neuro-oncology, Debrecen **2009**.

Treatment of vestibular schwannomas by rotating gamma-radiosurgical system: retrospective study. G Csiky, J Dobai, **G Mezey**, I Fedorcsák, L Bognár Congress of Hungarian Society of Neuro-oncology, Debrecen **2009**.

Alterations of EGFR and PTEN genes in different grade astrocytomas. **G Mezey**, L Vizkeleti, S Ecsedi, V Koroknai, T Kiss, I Fedorcsák, A Klekner, M Balázs, L Bognár Congress of Hungarian Society of Neurosurgery, Debrecen **2009**.

In vivo effect of assorted chemopreventive molecules on DMBA-induced onco-suppressor gene expression in CBA/CA mice. P Gergely, **G Mezey**, L Örfi, I Ember International Conference of Anticancer Research, Kos, Greece, **2008**.

Impaired relaxation of the rabbit sphincter of Oddi tolerant to nitroglycerin, **G Mezey**, Z Szilvássy, EPHAR, Porto **2004**.

Book chapter:

Radiosurgical interventions and techniques, **G Mezey**, I Fedorcsák, L Bognár, in Stereotactic and functional neurosurgery Ed. Valálik I, **2013**. Budapest, Press of Hungarian Academy of Sciences

List of Publications:

Selected citatable abstracts:

Impaired relaxation of the rabbit sphincter of Oddi tolerant to nitroglycerin

G Mezey, Z Szilvássy Fundamental & Clinical Pharmacology Volume 18 Issues1 Page 23-126, July 2004

In vivo effect of assorted chemopreventive molecules on DMBA induced onco-suppressor gene expression in CBA/Ca mice P Gergely, **G Mezey**, L Órfi, G Kéri Hungarian Epidemiology, 5. Suppl. 2008.

In extenso articles:

The prandial insulin sensitivity-modifying effect of vagal stimulation in rats. Peitl B, Döbrönte R, Németh J, **Mezey G**, Kovács P, Paragh G, Szilvássy Z. Metabolism. 2005 May;54(5):579-83. **IF: 3.008**

Epidural malignant lymphomas of the spine: collected experiences with epidural malignant lymphomas of the spinal canal and their treatment

G Szekely, Z Miltenyi, **G Mezey**, Z Simon, J Gyarmati, L Gergely Jr, L Bognar, A Illes Spinal Cord. 2008 Apr;46(4):278-81. Epub 2007 Oct 2. (correspondence author) **IF: 2.071**

Experimental short term results with plant-derived flavonoids on DMBA induced onco-suppressor gene expression in CBA/CA mice

P Gergely, **G Mezey**, L Órfi, I Ember, Hungarian Epidemiology, 6.(1.)2009.

Real time analysis of brain tissue by direct combination of ultrasonic surgical aspiration and sonic spray mass spectrometry.

Schäfer KC, Balog J, Szaniszló T, Szalay D, **Mezey G**, Dénes J, Bognár L, Oertel M, Takáts Z. Anal. Chem. 2011 Oct 15;83(20):7729-35. Epub 2011 Sep 26. **IF: 5.856**

Radiosurgery of Intracerebral Cavernomas – Current International Trends. Nagy G, Kemeny A, Major O, Erőss L, Várady P, **Mezey G**, Fedorcsák I, Bognár L Accepted for publication in Clinical Neuroscience, Hungary 2014 Mar 7. **IF: 0.3400**

Radiosurgery of Intracerebral Cavernomas – Current Hungarian Practice. Fedorcsák I, Nagy G, Dobai J, **Mezey G**, Bognar L Accepted for publication in Clinical Neuroscience, Hungary 2014 Mar 7. **IF: 0.3400**

Prognosis in human glioblastoma based on expression of ligand growth hormone- releasing hormone, pituitary-type growth hormone-releasing hormone receptor, its splicing variant receptors, EGF receptor and PTEN genes.

Mezey G, Treszl A, Schally AV, Block NL, Vízkeleti L, Juhász A, Klekner A, Nagy J, Balázs M, Halmos G, Bognár L. J Cancer Res Clin Oncol. 2014 Jun 1. **IF: 3.009**

IF sum: 14.62

Participation in clinical trials as subinvestigator: 3

CLEAR III – **first** neurosurgeon

MISTIE III – **first** neurosurgeon

Memberships: Hungarian Medical Society

Hungarian Society of Neurosurgery

Hungarian Society of Neuro-oncology

General Medical Council, UK