

Curriculum Vitae

Personal Data

Name: dr. Dénesné Beatrix Gilányi Assistant (Volunteer)

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Pension: 2012-től



Workplaces

- 2004- *Semmelweis University, Budapest, Department of Medical Chemistry, Molecular Biology and Pathobiochemistry, Assistant: Cognitive pharmacological investigations in *C. elegans* ; Determination of HSP-levels in cell-lines; and by ELISA-tests;*
- 2002-2004 *Inst. Natl. Psychiatry Budapest, Assistant: Effects of drug-candidates in Stroke rodent models.*
- 2002-2002 *Biological GSK, Gödöllő: Tetanus vaccines; Production. Technician*
- 1995-2002 *Biorex Drug RES and Development Inst. Veszprém; Chief Assistant: Effects of compounds or drugs on vascular endothelial cells and diabetes bearing rats*
- 1992-1995 *Israel- Wife*
- 1979-1992 *Gedeon Richter Ltd, Pharmacol. RES. Centr. Immunol. Lab, Budapest; Chief -assistant: Studies the effects of compounds on immunological system.*
- 1970-1979 *Natl. Inst. Public Health, Budapest, Assistant: Human genetic investigations.*

Qualifications

- 2010-2013 *János Kodolányi Highschool. Budapest; Communication-Media. Faculty, Degree: BA*
- 1980-1983 *Lajos Chemical Industry Techn. Budapest. Chemical-industry technician*
- 1979-1980 *Natl. Inst. Rheumatology and Physiotherapy: Investigation on Clinical Immunology. Supervisors: Dr. Katalin Merétey and Dr. András Falus.*
- 1964-1968 *II. Ferenc Rákóczi Secondary School, Budapest; Maturation*

Contribution on development of publications

Semmelweis University, Budapest, Inst. Medical-chemistry and Mol.Biol.

1. Nguyen MT, Somogyvári M, Söti C. Hsp90 Stabilizes SIRT1 Orthologs in Mammalian Cells and *C. elegans*. *Int J Mol Sci.* 2018 Nov 20;19(11). pii: E3661. doi: 10.3390/ijms19113661.

2. Kiss HJ, Takacs AI, Kranitz K, Sandor GL, Toth G, Gilanyi B, Nagy ZZ. One-Day Use of Preoperative Topical Nonsteroidal Anti-Inflammatory Drug Prevents Intraoperative Prostaglandin Level Elevation During Femtosecond Laser-Assisted Cataract Surgery. *Curr Eye Res.* 2016 Aug; 41(8):1064-1067. Epub 2015 Dec 17.

3. Nguyen MT, Csermely P, Söti C. Hsp90 chaperones PPAR γ and regulates differentiation and survival of 3T3-L1 adipocytes. *Cell Death Differ.* 2013 Dec;20(12):1654-63. doi: 10.1038/cdd.2013.129. Epub 2013 Oct 4

4. Arslan MA, Chikina M, Csermely P, Soti C. Misfolded proteins inhibit proliferation and promote stress-induced death in SV40-transformed mammalian cells.

FASEB J. 2012 Feb;26(2):766-77. doi: 10.1096/fj.11-186197. Epub 2011 Nov 2.

5. Putics A, Vödrös D, Malavolta M, Mocchegiani E, Csermely P, Soti C. Zinc linked to zinc availability in peripheral lymphocytes. *Exp Gerontol.* 2008 May;43(5):452-61. doi: 10.1016/j.exger.2008.01.002. Epub 2008 Jan 15
6. Putics A, Végh EM, Csermely P, Soti C. Resveratrol induces the heat-shock response and protects human cells from severe heat stress. *Antioxid Redox Signal.* 2008 Jan;10(1):65-75

Natl. Inst. Psychiatry, Budapest

7. Erdő F, Hutka B, Dénes L [Function, aging and dysfunction of blood-brain barrier. Crossing the barrier]. *Orv Hetil.* 2016 Dec;157(51):2019-2027. [in Hungarian]
8. Erdő F, Denes L, de Lange E. Age-associated physiological and pathological changes at the blood-brain barrier: A review. *J Cereb Blood Flow Metab.* 2017 Jan;37(1):4-24. Epub 2016 Nov 11.
9. Denes L, Entz L, Jancsik V. Restenosis and therapy. *Int J Vasc Med.* 2012;2012:406236. doi: 10.1155/2012/406236. Epub 2012 Feb 23.
10. Denes L, Bori Z, Csonka E, Entz L, Nagy Z Reverse regulation of endothelial cells and myointimal hyperplasia on cell proliferation by a heatshock protein-coinducer after hypoxia. *Stroke.* 2008 Mar;39(3):1022-4. doi: 10.1161/STROKEAHA.107.495754. Epub 2008 Jan 31.
11. Denes L¹, Szilágyi G, Gál A, Nagy Z Talampalpanel a non-competitive AMPA-antagonist attenuates caspase-3 dependent apoptosis in mouse brain after transient focal cerebral ischemia. *Brain Res Bull.* 2006 Jul 31;70(3):260-2. Epub 2006 Mar 31.
12. Denes L¹, Szilágyi G, Gál A, Bori Z, Nagy Z Cytoprotective effect of two synthetic enhancer substances, (-)-BPAP and (-)-deprenyl, on human brain capillary endothelial cells and rat PC12 cells. *Life Sci.* 2006 Aug 8;79(11):1034-9. Epub 2006 Apr 19.

Biorex RES and DrugDevelopment Inst, Veszprém

13. Dénes L¹, Jednákovits A, Hargitai J, Péntes Z, Balla A, Tálosi L, Krajcsi P, Csermely P Pharmacologically activated migration of aortic endothelial cells is mediated through p38 SAPK. *Br J Pharmacol.* 2002 Jun;136(4):597-603.

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14. Sipka S, Dankó K, Nagy P, Taskov V, Dénes L, Czirják L, Szegedi G. Effects of suramin on phagocytes in vitro. *Ann Hematol.* 1991 Jul;63(1):45-8
10. Dénes L, Szende B, Hajós G, Szporny L, Lapis K. Selective restoration of immunosuppressive effect of cytotoxic agents by thymopoietin fragments. *Cancer Immunol Immunother.* 1990;32(1):51-4
15. Dénes L, Hajós G, Szporny L, Szentirmai Z, Bebök Z, Balogh P. Oligopeptides and phagocytosis in mice. *Acta Paediatr Hung.* 1988-1989;29(1-2):45-8
16. Dénes L, Hajós G, Szporny L, Szende B, Lapis K, Sipka S, Szegedi G. The effect of thymopoietin 32-34 (TP3) on suramin-induced inhibition on delayed type hypersensitivity in guinea pigs. *Immunol Invest.* 1987 Jun;16(4):275-9.
17. Dénes L, Szende B, Hajós G, Szporny L, Lapis K. Therapeutic possibilities of thymopoietin fragments (TP3 and TP4) based on experimental animal models. *Drugs Exp Clin Res.* 1987;13(5):279-87.
18. Szende B, Lapis K, Pal K, Sipos L, Denes L, Kisfaludy L. The effect of TP-3 (Arg-Lys-Asp), TP-4 (Arg-Lys-Asp-Val), and TP-5 on the metastatic capacity of intravenously injected Lewis lung tumor cells. *Immunopharmacol Immunotoxicol.* 1987;9(1):19-24.
19. Denes L, Szende B, Ember J, Major J, Szporny L, Hajos G, Nyeki O, Schon I, Lapis K, Kisfaludy L. Immunoregulating peptides II. In vitro effects of TP5 analogs on E-rosette formation and cell division. *Immunopharmacol Immunotoxicol.* 1987;9(1):1-18.

20. Szende B, Kisfaludy L, Lapis K, Dénes L, Szporny L, Nyéki O, Schön I, Hajós G, Ember J, Constantin M, et al. The effect of TP-5 and its analogs on skin grafts in mice. *J Immunopharmacol.* 1985;7(1):67-78.
21. Kisfaludy L, Nyéki O, Schön I, Dénes L, Ember J, Szporny L, Hajós G, Szende B. Immuno-regulating peptides, I. Synthesis and structure-activity relationships of thymopentin analogs. *Hoppe Seylers Z Physiol Chem.* 1983 Aug; 364(8):933-40.
22. Dénes L, Falus A, Böhm U, Merétey K. In vitro study of complement dependent active adherence on SLE and RA leukocytes. *Acta Physiol Acad Sci Hung.* 1981; 58(1):21-29.

Contribution on development of Licenses

- A. In Biorex RES and Drug development Inst: 5 Licenses
- B. In Gedeon Richter Ltd: 12 Licenses