

**A Multidiszciplináris Orvostudományok Doktori Iskola  
„Biokémia, biofizika Molekuláris és sejtbiológia” PhD alprogramjában  
fokozatot szerzettek adatai a képzés kezdete óta  
2000-2023**

<b>Ssz.</b>	<b>A fokozatot szerző neve</b>	<b>A doktori disszertációja címe</b>	<b>Témavezető</b>	<b>A védés/fokozatszerzés időpontja (év, hó, nap)</b>	<b>Az oklevél minősítése, cím odaítélése</b>
1	Dr. Csont Tamás Bálint	Direct myocardial anti-ischemic effect of glyceryl trinitrate	Dr. Ferdinandy Péter	2000. 03. 30.	summa cum laude, 2000.09.21.
2	Dr. Csonka Csaba	The role of nitric oxide in classic preconditioning in isolated rat hearts supervisor	Dr. Ferdinandy Péter	2000. 06. 19.	summa cum laude, 2000.09.21.
3	Győrfy Zsuzsanna	Modulation of cellular membranes of mammalian tumor cells by genetic transformation with the OLE1 gene of Saccharomyces	Dr. Duda Ernő	2000.06.28.	summa cum laude, 2000.09.21.
4	Dr. Mendler Luca	Sarcoplasmic/endoplasmic reticulum Ca <sup>2+</sup> ATPases. Myogenic regulatory factors and myostatin in the regenerating skeletal muscles	Dr. Zádor Ernő	2000. 09. 28.	summa cum laude, 2000.12.15.
5	Lippai Mónika	KETEL gene: an Importin-beta homologue in Drosophila	Dr. Szabad János	2000.12.19.	summa cum laude, 2001.06.22.
6	Kulcsár Ágnes	Dissection of the photocycles of bacterial retinal proteins based on time resolved visible spectroscopy	Dr. Ormos Pál	2000. 12.29.	summa cum laude, 2001.06.22.
7	Beleczy István	New cytoplasmic dynein functions in light of the drosophila Laborc D mutation	Dr. Szabad János	2001.05.18.	summa cum laude, 2001.06.22.
8	Tirián László	Developmental and molecular genetics of the ketel gene coding a drosophila importin-beta homologue supervisor	Dr. Szabad János	2001.05.18.	summa cum laude, 2001.06.22.
9	Dr. Ratkay Imola	Studies of ophthalmic surface laser surgery and corneal regeneration following excimer laser treatment	Dr. Krenács Tibor	2001.05.31 11:00	summa cum laude, 2001.12.14
10	Dr. Becskei Attila	Experimental and mathematical exploration of the dynamic behavior of simple gene networks	Dr. Dux László	2001.11.08.	summa cum laude 2002.06.28
11	Kelemen Loránd	Light induced reactions of proteins monitored by Fourier-transform infrared spectroscopy	Dr. Ormos Pál	2001.12.28 14:00	summa cum laude 2002.06.28
12	Törökné Antal Mária	Structural analysis of U3 small nucleolar RNA in vivo: functional implications		2002. 01. 24.	summa cum laude 2002.06.28
13	Kóta Zoltán	Fourier transform infrared and ESR spectroscopic studies of biological	Dr. Szalontai Balázs	2003. 05. 27. 11.00	summa cum laude 2003.06.27
14	Dr. Timinszky Gyula	The role of importin-β in nuclear envelope assembly	Dr. Szabad János	2003.10.10.	summa cum laude 2003.12.20

15	Ónody Annamária	Cardiac stress and stress adaptation: roles of peroxynitrite and changes in gene expression	Dr. Ferdinandy Péter	2004. 04. 02	summa cum laude 2004.06.17
16	Mátés Lajos	Isolation, Characterization and Targeted Inactivation of the Mouse Gene Coding for Matrilin – 2 (Matn2)	Dr. Kiss Ibolya	2004. 06. 29.	summa cum laude 2004.12.17
17.	Denys Bashtovy	Molecular Modeling of Selected Transmembrane proteins	Dr. Páli Tibor	2004. 10. 08.	summa cum laude 2004.12.17
18.	Lakatos Melinda	The effect of environment on photocycle of proteorodopsin	Dr.Váró György	2004. 11.05.	summa cum laude 2004.12.17
19.	Dr. Csontné Kiricsi Mónika	The Gramicidin S structural motif: a promising platform for the rational design of antibiotic agents	Dr. Dux László	2005. 11. 16.	summa cum laude 2005.12.06
20.	Giricz Zoltán	Stress adaptation of the heart: role of hyperlipidemia and and MMP-2	Dr. Ferdinandy Péter	2006.04.20.	summa cum laude 2006.06.08
21.	Dr. Garami Attila	Mannose activation pathway for glycoconjugate biosynthesis is indispensable for <i>Leishmania</i> virulence a study that identifies potential drug targets and vaccine development candidates	Dr. Dux László	2006. 06. 15.	summa cum laude 2006.12.20
22.	Hegy Hedvig	The general relationship between the structure and function of proteins	Dr. Dux László	2006. 05. 22.	summa cum laude 2006.12.20
23.	Dr. Patricia Kaiser	Development and Optimization of Reference Measurement Procedures	Dr. Dux László	2006. 06. 11.	summa cum laude 2006.12.20
24.	Venkei Zsolt	$\alpha$ -tubulin4 is essential for rapid formation of long interpolar microtubules to push apart the daughter centrosomes along the nuclear perimeter during early <i>Drosophila</i> embryogenesis	Dr. Szabad János	2006. 06. 28.	summa cum laude 2006.12.20
25.	Bálint Zoltán	Investigating biological samples with atomic force microscope: from living cells to molecular level	Dr.Váró György	2007. 03. 20.	summa cum laude 2007.06.18
26.	Dr. Rácz Gábor	The expression of muscle specific genes in mechanical ventilation and regeneration	Dr. Zádor Ernő	2007. 04. 04.	summa cum laude 2007.06.18
27.	Dr. Sallai László	Crystal structure of the AAA and DNA-binding domain of the sigma54-activator ZraR	Dr. Dux László	2007. 04. 18.	summa cum laude 2007.06.18
28.	Berezki Erika	The role of apolipoprotein B-100 and biglycan in the development of atherosclerosis – a transgenic mouse study	Dr. Sántha Miklós	2007. 12. 07.	summa cum laude 2007.12.13
29.	Dr. Görbe Anikó	Direct cell cell communication through gap junctions during early skeletal muscle development and regeneration in the rat	Dr. Krenács Tibor	2007. 12. 05.	summa cum laude 2007.12.13
30.	Villányi Zoltán	How is expression of the importin $\beta$ encoding Ketel gene of <i>Drosophila</i> regulated?	Dr. Szabad János	2008. 10. 08	summa cum laude 2008.12.11

31.	Dr. Bencsik Péter	Myocardial stress adaptation: role of peroxynitrite and capsaicin-sensitive sensory nerves	Dr. Ferdinandy Péter	2008. 10. 21.	summa cum laude 2008.12.11
32.	Pilbat Ana-Maria	Poly- (amino acid) polyelectrolyte films: Structure and interactions with proteins and lipids	Dr. Szalontai Balázs	2008.12.15 10:00	cum laude 2009-03-20
33.	Gáspár Imre	The need for speed – the role of $\gamma$ -tubulin in adapting the spindle apparatus to the needs of early Drosophila embryogenesis	Dr. Szabad János	2009.01.28 13:00	summa cum laude 2009-03-20
34.	Szalontai Tamás	HorkaD, a chromosome instability causing mutation in Drosophila, identifies the lodestar gene and indicates involvement of the LDS protein in metaphase chromatin surveillance	Dr. Szabad János	2009.01.28 10:00	summa cum laude 2009-03-20
35.	Ördög Balázs	Expression and function of the potassium channels of the human heart	Dr. Szabad János	2010.01.15 9:00	summa cum laude 2010-04-22
36.	Tombácz Dóra	Functional analysis of pseudorabies virus genes	Dr. Boldogkői Zsolt	2010.05.06 11:00	summa cum laude 2010-06-03
37.	Kocsis-Fodor Gabriella	Myocardial stress adaptation: role of hyperlipidemia	Dr. Csont Tamás Bálint	2010.06.16 16:00	summa cum laude 2010-10-21
38.	Kedvesné Dr. Kupai Krisztina	Protection against Myocardial Ischemia and Reperfusion: Role of Peroxynitrite in Late Preconditioning and in Postconditioning	Dr. Csonka Csaba	2011.05.30 14:00	summa cum laude 2011-06-09
39.	Tóth Judit	Analysis of Mutant Pseudorabies Virus Strains	Dr. Boldogkői Zsolt	2011.05.27 11:00	summa cum laude 2011-06-09
40.	Mészáros Anna Lídia	Breeding system and cuckoldry in the Eurasian penduline tit ( <i>Remiz pendulinus</i> )	Dr. Szabad János	2011.06.17 14:00	summa cum laude 2011-12-15
41.	Dr. Márki-Zay János	Reference Measurement Systems in Genetic Testing: Development of DNA-based Reference Materials	Dr. Dux László	2011.11.25 14:00	summa cum laude 2011-12-15
42.	Vojnits Kinga	Development of alternative methods to animal testing: Human pluripotent stem cell lines as a tool for the detection of prenatal toxicity	Dr. Dux László	2012.04.13 11:00	summa cum laude 2012-06-07
43.	Dr. Szabó A. Zsófia	Uncoordinated expression of the main contractile and relaxation proteins in pathological skeletal muscles	Dr. Zádor Ernő	2012.07.19 14:00	summa cum laude 2012-12-13
44.	Szikora Szilárd	Poking microtubules bring about nuclear wriggling to position nuclei	Dr. Szabad János	2012.11.16 14:00	cum laude 2012-12-13
45.	Molnár Petra Magdolna	Development of Reference Measurement Procedures with LC-MS in Clinical Chemistry	Dr. Patricia Kaiser Dux László	2012.11.12 11:00	summa cum laude 2012-12-13
46.	Ferencz Csilla-Mária	ATP dependent ion transport in biomembranes	Dr. Páli Tibor	2012.12.19 10:00	cum laude 2013-05-09

47.	Végh Attila-Gergely	Nano-biomechanical investigation of living endothelial cells	Dr. Váró György	2013.03.14 14:00	cum laude 2013-05-09
48.	Fábián László	Integrated optical applications of bacteriorhodopsin	Dr. Dér András	2013.04.02 14:00	summa cum laude 2013-05-09
49.	Nagy Krisztina	SELF-ASSEMBLING MACROMOLECULES ON SURFACES	Váró György	2013.12.03 10:00	summa cum laude 2013.12.12.
50.	Dr. Sárközy Márta Julianna	CARDIOVASCULAR RISK AND STRESS ADAPTATION IN METABOLIC DISEASES	Dr. Csont Tamás Bálint	2013.11.29 12:00	summa cum laude 2013.12.12.
51.	Dr. Varga Zoltán	Functional and molecular effects of hypercholesterolemia on the myocardium: the role of connexin-43 and microRNA-25	Dr. Csont Tamás Bálint	2013.12.02 14:00	summa cum laude 2013.12.12.
52.	Dr. Szűcs Gergő	Protection against ischaemia/reperfusion: role of the farnesol and red palm oil	Dr. Csonka Csaba	2013.12.03 13:00	summa cum laude 2013.12.12.
53.	Dr. Takács Irma	Effect of us1 gene mutation on pseudorabies virus gene expression	Dr. Boldogkői Zsolt	2014.04.16 12:00	summa cum laude 2014.06.05
54.	Szénási Tibor	Role of Sox trio, Nfi and Hmgb1 factors in the unique transcriptional regulatory mechanisms of the matrilin-1 gene	Dr. Kiss Ibolya, Dr. Puskás László	2014.05.21 14:00	summa cum laude 2014.06.05
55.	Dr. Kósa Magdolna	Transfection efficiency in rat soleus and SERCA1b expression in human skeletal muscles	Dr. Zádor Ernő	2014.06.16 14:00	summa cum laude 2014.12.11.
56.	Dr. Tóth-Lipták Judit	Immunophenotypic marker analysis of hairy cell leukemia in paraffin-embedded bone marrow trephine biopsies	Dr. Krenács László	2014.09.11 15:00	summa cum laude 2014.12.11
57.	Baán Júlia Aliz	Muscle phenotype of the myostatin mutant Compact mice and myostatin/IGF-I transcript levels in pathological human hearts	Dr. Mendlér Luca	2015-05-19 14:00:00	summa cum laude 2015-05-28
58.	Pálóczi János	Cytoprotective approaches to protect myocardium against ischemia/reperfusion injury	Dr. Görbe Anikó, Dr. Bencsik Péter	2015-05-21 14:00:00	summa cum laude 2015-05-28
59.	Aekbote Lakshman Badri Prashad	Functionalization of polymerized 3D microstructures for biological applications	Dr. Kelemen Lóránd	2015.10.14 10:00	summa cum laude 2015.10.22
60.	Sipos Orsolya	Studying physical and biochemical interactions in bacterial communities using microfabricated devices	Dr. Galajda Péter	2015.12.01 11:00	summa cum laude 2015.12.10
61.	Serfőző Gyöngyi	Characterization of the psycho-neuro-immunological state in patients with coronary artery disease	Dr. Keresztes Margit	2016. 05.13.	summa cum laude 2016.06.02.

62.	Nyeste Antal	Cytoprotective and toxic function of the prion protein family	Dr Welker Ervin	2016.10.27.	summa cum laude 2016.12.08.
63.	Gáspár Renáta	Novel approaches of pharmacological preconditioning: the role of biglycan and miRNAs	Dr. Csont Tamás és Dr. Görbe Anikó	2017.04.05	summa cum laude. 2017.06.08.
64.	Dr. Kiss Krisztina	Peroxynitrite – matrix metalloproteinase and erythropoietin receptor signaling pathways in ischemic heart disease	Dr. Bencsik Péter és Dr. Csont Tamás Bálint	2017.05.05.	summa cum laude 2017.06.08.
65.	Póka Nándor	Transcriptome analysis of Pseudorabies virus reveals selective regulation of different kinetic classes of genes	Dr. Boldogkői Zsolt	2017.10.30.	summa cum laude 2017.12.07.
66.	Dr. Kocsis Tamás	Glycogen distribution and metabolic alterations in the hypermuscular, myostatin mutant compact mice	Dr. Keller-Pintér Anikó	2017.11.08.	summa cum laude 2017.12.07.
67.	Dr. Marton Lívia	Characterization of Plasmodium falciparum CTP:phosphocholine cytidyltransferase, a prospective antimalarial drug target	Dr. Vértessy Beáta	2018.02.06.	summa cum laude 2018. 04.05.
68.	Dr. Pipicz Márton	Alternative cardioprotective approaches and their effects on myocardial peroxynitrite, RISK and SAFE pathways	Dr. Csont Tamás, Dr. Csonka Csaba	2018.03.05.	summa cum laude 2018. 06.07.
69.	Varga Béla	Role of nano-biomechanics in brain metastasis formation and amyotrophic lateral sclerosis”	Dr. Váró György	2018.04.16.	summa cum laude 2018. 06.07.
70.	Dr. Balázs Zsolt	Long-read sequencing analysis of the lytic human cytomegalovirus transcriptome	Dr. Boldogkői Zsolt	2019.04.18.	summa cum laude 2019. 06.06.
71.	Kulcsár Péter István	Development of new increased fidelity SpCas9 variants	Dr. Welker Ervin	2019.12.02.	summa cum laude 2019. 12.12.
72.	Kiss András Attila	Genotype - phenotype relationship in Drosophila type IV collagen mutants”	Dr. Mink Mátyás, Dr. Boldogkői Zsolt	2020.06.18	summa cum laude 2020. 06.25.
73.	Pálinkás Hajnalka Laura	Genomic uracil occurrence and the role of dUTPase in transgenic models	Dr. Vértessy G. Beáta	2020.10.09.	summa cum laude 2020. 10.16.
74.	Becsky Dániel	Multiple roles of syndecan-4 during myoblast migration	Dr.Keller-Pintér Anikó	2021. 05.20.	summa cum laude 2021. 06.03.
75.	Dr. Sejben Anita	Evaluation of diagnostic and prognostic features of breast cancer	Prof. Dr. Cserni Gábor, Dr. Zombori Tamás	2021.07.05.	summa cum laude 2021.10.15.
76.	Kincses András	Lab-on-a-chip tool for the investigation of biological barriers	Dr. Dér András	2021.10.05.	summa cum laude 2021.10.15.
77.	Fekete Tamás	Biophysical investigations of single cells with optically actuated microtools	Dr.Kelemen Lóránd	2021.11.30.	summa cum laude 2021.12.17.

78.	Dr. Demján Virág	Amelioration of metabolic cardiovascular risk factors and ischemia/reperfusion injury: focus on natural substances	Dr. Csont Tamás Bálint	2021.12.01.	summa cum laude 2021.12.17.
79.	Dr. Kovács Zsuzsanna	Comparison of the antiremodeling effects of losartan and mirabegron in a rat model of uremic cardiomyopathy	Dr. Sárközy Márta Julianna	2021.12.06.	summa cum laude 2021.12.17.
80.	Sudheer Babu Sangeetham	Dimerization of the prion protein studied by site specific mutagenesis to p-benzoyl-L-phenylalanine	Dr. Welker Ervin, Dr. Fodor Elfrieda	2021.12.01	summa cum laude
81.	Sója Andrea Mónika	Investigation of the effects of prediabetes and non - obese type 2 diabetes mellitus on the heart in experimental models	Dr. Csont Tamás Bálint	2022.03.30.	summa cum laude 2022.04.14.
82.	Dr. Kovács Mónika Gabriella	Investigation of the pathomechanism and potential therapeutic targets in radiation-induced heart disease in a rat model	Dr. Sárközy Márta Julianna	2022.04.12.	summa cum laude 2022.04.14.
83.	Szabó Kitti	The complex role of syndecan-4 in skeletal muscle: myogenesis and oncogenesis	Dr.Keller-Pintér Anikó	2022.05.11.	summa cum laude 2022.05.26.
84.	Freiwan Marah Muwaffaq Ibrahim	Investigation of the antiremodeling effects of losartan, mirabegron and their combination on the development of doxorubicin-induced chronic cardiotoxicity in a rat model	Dr. Sárközy Márta Julianna	2022.05.16.	summa cum laude 2022.05.26.
85.	Szerémy Péter Gábor	MDR—ABC transporter activity in normal population and in rheumatoid arthritis patients. A predictive tool of biological therapeutic response	Dr. Krajcsi Péter	2022.05.17.	summa cum laude 2022.05.26.
86.	Dondapati Divya Teja	The study of the membrane microdomain localization of the prion-family proteins, prion and Shadoo and their interaction with calnexin	Dr. Fodor Elfrieda	2022.07.08.	summa cum laude 2022.05.26.
87.	Tóth Krisztina	Comparative analysis of the role of formins in Drosophila embryonic dorsal closure	Dr. Mihály József	2022.07.22.	summa cum laude 2022.10.13.
88.	Borkúti Péter	The biological significance of nuclear actin	Dr. Vilmos Péter	2022.10.13.	summa cum laude 2022.10.13.
89.	Sarkadi Zsuzsa	Compensatory evolution as a driver of morphological novelties	Dr. Papp Balázs	2022.12.09.	summa cum laude 2023.04.06.
90.	Petrovszki Dániel	Developing integrated optical structures, with special respect to applications in medical diagnostics	Dr. Dér András, Dr. Valkai Sándor	2023.04.14.	summa cum laude 2023.04.06.
91.	Dr. Márványkövi Fanni Magdolna	Investigation of the pathomechanism of uremic cardiomyopathy and the infarct size-limiting effect of ischemic preconditioning in a rat model of chronic kidney disease	Dr. Sárközy Márta Julianna	2023.04.27.	