



CURRICULUM VITAE
of Péter Hegyi



PETER HEGYI

MD, PHD, DSC, MAE

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MAJOR ACHIEVEMENTS

I. Scientific Discoveries

Péter Hegyi had highly important discoveries in the field of pancreatology. He has established a critical role for the duct cells in pancreatitis, by discovering that (i) pancreatitis inducing agents like bile acids, fatty acids and ethanol dose-dependently deteriorate pancreatic ductal secretion via mitochondrial damage and calcium overload (ii) the function of CFTR is strongly inhibited by alcohol and fatty acids (iii) restoration of ductal function by ATP or MPTP inhibitors decrease the severity of acute pancreatitis. Importantly, he transferred them into randomized clinical trials to foster his scientific discoveries to patients benefits. He established the first Centre for Translational Medicine in Eastern and Centre Europe. www.tm-centre.org

II. Establishment of a pancreatic research centre

He has built up an internationally high quality pancreatic research centre in Szeged and Pécs. He also composed a multicentre clinical network (Hungarian Pancreatic Study Group) which incorporate 110 hospitals from 28 countries. Within 15-year he raised several scientists for Pancreatology. 25 PhD degree have been awarded to his students. Four of them act as independent PIs running highly relevant project. One of his students (Jozsef Maleth) received a Momentum grant by the HAS and received a Prima Junior Prize as well.

III. Establishment of a new, multigenerational science education system for the 21st

He established the Szeged Scientists Academy which is incorporated into the present school system, provides continuous science education for secondary school and university students. The Foundation received 6 million Euros governmental fund for running and developing the programme which now receives high international recognition. Many top scientists including 11 Nobel laureates visited the new school system in Szeged. At the request of him, German Nobel Laureate physiologist, Dr. Bert Sakmann has accepted the post of Director of education for Szeged Scientists Academy. www.nobel-szeged.hu

IV. Establishment of the KETLAK Coronavirus Research Group

In early March 2020, he established the KETLAK study group (Translational Action and Research Group against Coronavirus). The group has approximately 100 scientists from 20 disciplines. This group has handed two documents directly to the National Epidemiological Policy-Making Body in Hungary which was lead by our Prime Minister to help the decision making process related to the first wave of coronavirus pandemic. It helped a lot since Hungary had relatively few cases and deaths as a result of the epidemics during the first wave.

Academy membership	Degree	Year conferred
European Academy of Sciences Academia Europaea	Deputy chair	2019, Clinical and Veterinary Science
European Academy of Sciences Academia Europaea https://www.ae-info.org/	MAE	2018, Clinical and Veterinary Science
Education institution and location	Degree	Year conferred field of study
Postgraduate Specialist School Budapest Hungary	specialist	2018 Clinical Pharmacologist
Semmelweis University Budapest Hungary	specialist	2017 Good Clinical Practice
Postgraduate Specialist School Budapest Hungary	specialist	2013 Gastroenterologist

Education institution and location	Degree	Year conferred field of study
Hungarian Academy of Sciences 9 square Szechenyi H1245 Budapest Hungary	D.Sc	2011 Medical Sciences
University of Szeged, 107 Tisza L Krt. H-6700 Szeged Hungary	doctor habilis	2009 Medicine
University of Szeged Medical School 9 Zrinyi str. H-6701 Szeged Hungary	specialist	2002 Internal Medicine
University of Szeged Medical School 9 Zrinyi str. H-6701 Szeged Hungary	Ph.D.	2002 Neuro-Gastroenterology
University of Szeged Medical School 9 Zrinyi str. H-6701 Szeged Hungary	M.D.	1996 Medicine
Miklos Radnoti Gymnazium 12 Tisza Lajos Krt. H-6722 Szeged Hungary	B.A.	1990 Biology

RESEARCH AND PROFESSIONAL EXPERIENCE

National

Centre for Translational Medicine Institute (basic) & Department (clinical) of Translational Medicine University of Pécs Pécs Hungary	2016-	director
First Department of Medicine University of Szeged Szeged Hungary	2016 -	part time research professor
MTA-SZTE Momentum Translational Gastroenterology Research Group Szeged Hungary	2014 -2019	head of research group
First Department of Medicine University of Szeged Szeged Hungary	2016 - 2016	professor
	2005 - 2012	reader/associate professor
	2004 - 2005	senior lecturer
	2003 - 2004	lecturer/assistant professor
	1996 - 1999	lecturer assistant
	1993 - 1996	project student

International

(total 46 months, 2 weeks)

Univ. of Liverpool	UK	2008 Jan-April (4m)	postdoctor
Columbia University	USA	2008 September (2w)	visiting researcher
Univ of Liverpool	UK	2007 Jan-July (7m)	postdoctor
Univ. of Newcastle	UK	2002-2005 (9m)	research associate
Univ. of California SD	USA	2001 Jul-Aug (2m)	visiting researcher
Univ. of Newcastle	UK	1999-2001 (24m)	WT travelling fellow

MAIN RESEARCH GRANTS`

in which Peter Hegyi is the PI

Total budget awarded to Peter Hegyi: **9,194,080 Euros**

1) Welcome Trust

Inhibitory pathways and mechanisms of the pancreatic ductal epithelium.
Initiative Research Development Award | 2002-2005 | Budget: **89,440 GBP**

2) Hungarian Scientific Research Fund (OTKA)

Inhibitory mechanisms of pancreatic ductal bicarbonate secretion.
D42188 | 2002-2005 | Budget: **20,438 kHUF**

3) Hungarian Academy of Sciences

Inhibitory mechanisms of pancreatic ductal bicarbonate secretion.
Bolyai postdoctoral fellowship BO/00276/04 | 2004-2007 | Budget: **4,500 kHUF**

4) Ministry of Education

The effects of trypsin and bile acids on pancreatic ductal bicarbonate secretion
Pályázat típusa: Postdoctoral Fellowship | 2005-2006 | Budget: **2,121 kHUF**

5) Royal Society – MTA

The effects of bile acids on pancreatic ductal epithelium.
International Joint Project | 2006-2008 | Budget: **12,000 GBP + 1,200 kHUF**

6) DFG - MTA

Expression and function of SLC26 transporters in the pancreatic ducts of mice.
International Joint Project | 2008-2011 | Budget: **18,400 EUR + 2,664 kHUF**

7) European Pancreatic Club

The effects of trypsin on the CFTR Cl⁻ channel in pancreatic ductal epithelial cells.
International Travelling Research Project | 2009 | Budget: **3,000 EUR**

8) Hungarian Scientific Research Fund (OTKA)

The pathophysiology of pancreatic ductal bicarbonate secretion.
NNF 78851 | 2009-2011 | Budget: **29,853 kHUF**

9) European Pancreatic Club

The role of Ca²⁺ channels in bile-induced injury of pancreatic ductal cells.
International Travelling Research Project | 2011 | Budget: **3,000 EUR**

10) Hungarian Scientific Research Fund (OTKA)

The effects of trypsin and bile acids on pancreatic ductal bicarbonate secretion
Bolyai postdoctoral fellowship BO/00334/08/ | 2008-2011 | Budget: **4,500 kHUF**

11) Hungarian Scientific Research Fund (OTKA)

New therapeutical approach in acute pancreatitis

NF 100677 | 2012-2014 | Budget: **39,024 kHUF**

12) Szentagotthai Senior Fellowship (NKP)

New therapeutical approach in acute pancreatitis,.

TÁMOP 4.2.4.A/2-11-1-2012-0001 | 2013-2014 | Budget: **6,000 kHUF**

13) Hungarian Academy of Sciences Momentum

Grant: Translational Gastroenterology Research Group

2014-2019 | Budget: **289,024 kHUF**

14) Hungarian Scientific Research Fund (NKFI/OTKA)

New therapeutical approach in acute pancreatitis: The role of Mucins

K 116634 | 2015-2019 | Budget: **43,300 kHUF**

15) TÁMOP Környezeti tényezők és genetikai faktorok interakciójának vizsgálata

immunmediált és daganatos betegségek kialakulásában.

TÁMOP-4.2.2.A-11/1/KONV-2012-0035 2013-2015 | Budget: **754,021 eFt**

16) GINOP 2.3.2. STAY ALIVE - Életet veszélyeztető Akut

megbetegedések súlyossági és halálozási mutatóinak javítása transzlációs orvostudományi megközelítésben.

GINOP-2.3.2-15-2016-00048 | Budget: **1,494,053 eFt**

17) Hungarian Scientific Research Fund (NKFI/OTKA) Acute

Pancreatitis from Bench to Bedside.

KH 125678, 2017-2019 | Budget: **19,950 kHUF**

18) Hungarian Scientific Research Fund (NKFI/OTKA)

Investigation of pressure-related pancreatic damage – a translational study from pathomechanism to clinical application.

K131996 2017-2019) | Budget: **47,224 kHUF**

MAIN RESEARCH GRANTS`

in which Peter Hegyi is a collaborative member

- 1) Hungarian Scientific Research Fund (OTKA) T029697 1999-2002**
Principal Investigator: Dr. Tamas Takacs | Budget: **4,000,000 HUF**

- 2) Welcome Trust 1999-2001**
Principal Investigator: Prof. B.E.Argent | Budget: **150,000 GBP**

- 3) Hungarian Scientific Research Fund (OTKA) T043066 2003-2006**
Principal Investigator: Prof. Dr. Lonovics Janos | Budget: **6,000,000 HUF**

- 4) Hungarian Scientific Research Fund (OTKA) T042589 2003-2005**
Principal Investigator: Dr. Takacs Tamas | Budget: **6,000,000 HUF**

- 5) NKTH-GVOP MINISTRY OF ECONOMY 2004-2005**
Principal Investigator: Prof. Dr. Lonovics Janos Equipment Grant
Budget: **22,900,000 HUF**

- 6) Hungarian Scientific Research Fund (OTKA) K60242 2006-2009**
Principal Investigator: Prof. Dr. Lonovics Janos | Budget: **16,000,000 HUF**

- 7) NKTH ASBÓTH 2005-2009**
Principal Investigator: Prof. Dr. Lonovics Janos | Budget: **38,000,000 HUF**

- 8) NKTH RET DNT 2005-2009**
Principal Investigator: Prof. Botond Penke - Prof. Dr. Lonovics Janos
Budget: **16,000,000 HUF**

- 9) Hungarian Scientific Research Fund (OTKA) K76844 2009-2013**
Principal Investigator: Prof. Dr. Lonovics Janos | Budget: **22,400,000 HUF**

- 10) NKTH TAMOP 2009-2011**
Principal Investigator: Dr. Ferenc Fülöp | Budget: **32,000,000 HUF**

- 11) NKTH TAMOP 2009-2011**
Principal Investigator: Prof. Botond Penke - Dr.Tibor Wittmann
Budget: **32,000,000 HUF**

- 12) Hungarian Scientific Research Fund (OTKA) CK 80136 2009-2012**
Principal Investigator: Dr.Molnár Tamás | Budget: **22,140,000 HUF**

- 13) Hungarian Scientific Research Fund (OTKA) CK 101521 2012-2015**
Principal Investigator: Dr.Czakó László | Budget: **13,540,000 HUF**

14) Hungarian Scientific Research Fund (OTKA) K 109756 2012-2015

Az aquaporinok szerepe akut pankreatitiszben

Principal Investigator: Dr.Viktória Venglovecz | Budget: **9,180 eFt**

15) TÁMOP-4.2.2.A-11/1/KONV-2012-0052 2013-2015

Demencia, neurodegeneratív megbetegedések: korai felismerés, patomechanizmus, új terápiás támadáspontok identifikálása

Principal Investigator: Dr.Botond Penke| Budget: **648,000 eFt**

16) TÁMOP-4.2.2.A-11/1/KONV-2012-0073 2013-2015

TELE-MEDICINA technológiák és kutatások | Budget: **857.734 eFt**

17) EFOP 3.6.2. LIVE LONGER 2016-2020

Transzlációs medicina pályázat 2017 | Budget: **1,470,076 eFt**

18) CFRD The cystic fibroses related diabetes 2016-2019, CF TRUST

Budget: **750,000 GBP**

19) GINOP-2.3.2-15-2016-00015

„Az intercelluláris kommunikáció szerepe a határfelületek (bőr, béltraktus) gyulladásos és immunológiai betegségeiben” | Budget: **1 498 869 591 HUF**

20) GINOP-2.3.3-15-2016-00007 Funkcionális omikák kiválósági központ

(MOLMEDEX FUN-OMICs) | Budget: **979 697 379 Ft**

21) EFOP-3.6.2-16-2017-00006 LIVE LONGER

Modern orvostudományi diagnosztikus eljárások és terápiák fejlesztése transzlációs megközelítésben: a laboratóriumtól a betegágyig | Budget: **1 470 046 015 HUF**

22) Hungarian Scientific Research Fund (NKFI/OTKA) 2016-2020

Crucial role of smoking in the development and progression of chronic pancreatitis

Principal Investigator: Dr.Tamás Takács | Budget: **44,868 kHUF**

23) FIKP 20765-3/2018/FEKUTSTRAT (PTE) Új gyógyszer-célpontok azonosítása, a

gyógyszerjelölt szintetikus és természetes vegyületek biológiai, fizikai és kémiai vizsgálata, kifejlesztése jelenleg nem gyógyítható mitokondriális betegségekre.

Principal Investigator: Dr.László Kollár

24) FIKP (SZTE) - Principal Investigator: Dr.Zoltán Kónya

25) Hungarian Scientific Research Fund (NKFI/OTKA) GOULASH-PLUS: investigating biomarkers for diagnosing the early phase of chronic pancreatitis 2019-2023

Principal Investigator: Dr.Alexandra Mikó | Budget: **44,868 kHUF**

26) Hungarian Scientific Research Fund (NKFI/OTKA) Investigation of human

epididymis protein 4 in cystic fibrosis: from the utility as a new prognostic laboratory biomarker to the pathological role in lung disease 2020-2024

Principal Investigator: Dr.Béla Nagy | Budget: **36,960 kHUF**

GUEST SPEAKER AND SEMINARS

(international only)

- 1) **“Effect of Substance P on Pancreatic Bicarbonate Secretion”**
2001 July, University of California SD, Dept. of Pediatrics, USA.

- 2) **“Regulation of Pancreatic Bicarbonate Secretion”**
2003 October, Boston University, Dept. of Cell and Molecular Biosc., USA

- 3) **“The inhibitory mechanisms of pancreatic bicarbonate secretion”**
2006 February, University of Liverpool, Dept of Physiol., UK

- 4) **“The effects of bile acids on pancreatic ductal bicarbonate secretion”**
2007 July, EPC 2007 meeting, Basic Science Symposia, Newcastle, UK

- 5) **“The effect of lansoprazole in NSAID induced gastropathy”**
2006 September, Richter Symp., Sovata, Romania

- 6) **“The role of pancreatic duct in acute pancreatitis”**
2008 July, EPC/IAP 2008 meeting, Lodz, Poland

- 7) **“The role of pancreatic duct in acute pancreatitis”**
2008 December, Liverpool, Department of Physiology, UK

- 8) **“The role of pancreatic duct in acute pancreatitis”**
2009 January, Hannover, Dept of Gastroenterology, Germany

- 9) **“The cells that make pancreatitis - acinar, ductal and mesenchymal culprits”**
2009 November, UEGW, London, UK

- 10) **“The role of pancreatic ducts in the pathogenesis of acute pancreatitis”**
2009 December, Seminar lecture, Karolinska Institution, Stockholm, Sweden

- 11) **“The role of pancreatic ducts in the pathogenesis of acute pancreatitis”**
2010 March, Seminar lecture, Boston University, Boston, USA

- 12) **UEGF Strategy Day, Faculty member**
2010 July, Stockholm, Sweden

- 13) **UEGF Basic Science Workshop, Faculty member**
2010 July, Cambridge, UK

- 14) **“The role of pancreatic ducts in the pathogenesis of acute pancreatitis”**
2010 March, Seminar lecture, Minneapolis University, Minneapolis, USA

- 15) ***“The role of pancreatic ducts in the pathogenesis of acute pancreatitis”***
2010 July, Seminar lecture, Pittsburgh University, Pittsburgh, USA
- 16) ***“The role of pancreatic ducts in the pathogenesis of acute pancreatitis”***
2010 December, Seminar lecture, Cardiff University, Cardiff, UK
- 17) ***“The effects of trypsin on pancreatic ductal bicarbonate secretion”***
2011 March, Seoul, Korea, FET2011
- 18) ***“The acinar-ductal tango in the pathogenesis of acute pancreatitis”***
2011 July EPC meeting, Magdeburg
- 19) **UEGF Basic Science Workshop, Faculty member**
2011 July Siena, Italy
- 20) ***“The role of pancreatic ducts in the pathogenesis of acute pancreatitis”***
2012 March, Moscow, Russia, Meeting of the Russian Pancreatic Club
- 21) ***“The role of pancreatic ducts in the pathogenesis of acute pancreatitis”***
2012 May, Boston, USA, Seminar
- 22) ***“The acinar-ductal tango in the pathogenesis of acute pancreatitis”***
2012 August 24-26, Helsinki, Finland, Annual Meeting of the Scandinavian Physiological Society
- 23) ***“The role of pancreatic ducts in the pathogenesis of acute pancreatitis”***
2012 October, Amsterdam, The Netherlands, UEG annual meeting
- 24) ***“The acinar-ductal tango in the pathogenesis of acute pancreatitis”***
2012 November 4-6, Miami, USA, American Pancreatic Association
- 25) ***“The acinar-ductal tango in the pathogenesis of acute pancreatitis”***
2012 November 20, Greifswald, Germany, invited speaker
- 26) ***“The acinar-ductal tango in the pathogenesis of acute pancreatitis”***
2012 November 22-24 Leipzig, Germany, German Pancreatic Club meeting
- 27) ***“The crucial role of pancreatic ducts in the pathogenesis of acute pancreatitis”***
2013 March 6-7, Cardiff, UK, Physiology and Pathophysiology, Anniversary Symposium
- 28) ***“The acinar-ductal tango in the pathogenesis of acute pancreatitis”***
2013 March 20-25, Malaga, Spain – ECFS Conference

- 29) “Pancreatic ductal physiology and pathophysiology”**
2013 May 1, Manchester, UK – Seminar lecture
- 30) 70th Birthday Anniversary of Ole Petersen**
2013 March, Cardiff, UK
- 31) ECSF Basic Science Conference**
2013 March, Malaga, Spain
- 32) Manchester University, Seminar Lecture**
2013 May, Manchester, UK
- 33) UEG Summer School**
2013 June, Prága, Csehország
- 34) EPC Conference**
2013 Június, Zürich, Svájc
- 35) EPC Cancer meeting**
2013 Június, Berlin, Németország
- 36) IUPS Konferencia**
2013 Július, Birmingham, UK
- 37) IAP Conference**
2013 Szeptember, Seoul, Dél Korea
- 38) University of Greifswald, Seminar Lecture**
2012 November, Greifswald, Németország
- 39) UEGW Conference**
2013 November, Berlin, Németország
- 40) APA Conference**
2013 November, Miami, USA
- 41) NIH Seminar**
2013 November, Bethesda, USA
- 42) HPSG International Conference**
2013 December, Szeged, Hungary
- 43) Russain Pancreatic Club meeting**
2014 Március, Moszkva, Oroszország

- 44) AOPC Conference**
2014 Március, New Delhi, India
- 45) AGA DDW**
2014 Május, Chicago, USA
- 46) Boston University Seminar Lecture**
2014 Május, Boston, USA
- 47) Romániai Gasztroenterológiai Konferencia**
2014 Június, Nagyvárad, Románia
- 48) Pittsburgh Pancreasfest 2014**
2014 Július, Pittsburgh, USA
- 49) Ukraine Pancreatic Club Meeting 2014**
2014 Augustus, Lvov, Ukraine
- 50) Romanian Pancreatic Club Meeting 2014**
2014 September, Bucharest, Romania
- 51) Pancreas2000 Meeting 2014**
2014 September, Prague, Czech Republic
- 52) APA Conference**
2014 November, Hawaii, USA
- 53) 3rd HPSG meeting**
2014 November, Szeged, Hungary
- 54) 9th ALPD meeting**
2014 November, Szeged, Hungary
- 55) Russian Pancreatic Club meeting**
2015 Március, Moszkva, Oroszország
- 56) ECSF Basic Science Conference**
2015 Faro, Portugal
- 57) Russian Pancreatic Club meeting**
2015 July, Moszkva-St-Petersburgh, Oroszország
- 58) ESPCR meeting**
2015 Budapest, Hungary

59) Pancreasfest 2015

2015 Pittsburgh, USA

60) Meeting of the Hungarian Museum Society

2015 Kolozsvár, Romania

61) Serbian GI Conference

2015 Belgrade, Serbia

62) Alcoholic meeting

2015 Santiago, Chile

63) 10th ALPD meeting

2015 São Paulo, Brazil

64) Bratislava Pediatric meeting

2015 Bratislava, Slovakia

65) Romanian Pancreatic Club Meeting

2015 September, Bucharest, Romania

66) Seminar Lecture

2016 Besztercebánya, Slovakia

67) Romanian Pancreatic Club Meeting

2016 September, Bucharest, Romania

68) IAP Conference

2016 Sendai, Japan

69) Seminar Lecture

2016 Liverpool, UK

70) Drug Induced AP Conference

2016 Liverpool, UK

71) Seminar Lecture

2016 Newcastle, UK

72) ESPHGAN

2017 Prague, Czech Republic

73) French GI national Conference

2017 Paris, France

74) Regular Seminar lecture
2017 Marosvasarhely, Romania

75) SMU Seminar
2017 Bratislava, Slovakia

76) EPC Conference
2017 Budapest Hungary

77) Romanian Pancreatic Club Meeting
2017 September, Bucharest, Romania

78) APA Conference
2017 San Diego USA

79) IAP Conference
2017 Buenos Aires, Argentina

80) UEG Conference
2017 Barcelona, Spain

81) Regular Seminar lecture
2017 Marosvasarhely, Romania

82) Royal Society: Physiology and Pathophysiology 2018: Molecules, Cells, Organs and Systems
2018 Cardiff, UK

83) Regular Seminar lecture (spring)
2018 Marosvasarhely, Romania

84) EPC Conference
2018 Berlin, Germany

85) Pittsburgh, NIDDK, NIH
2018 Pittsburgh, USA

86) UEG Conference
2018 Wien Germany

87) Romanian Pancreatic Club Meeting
2018 September, Bucharest, Romania

88) Cincinnati Seminar
2018 October, Cincinnati

89) 49th APA
2018 October, Miami

90) Regular Seminar lecture (autumn)
2018 Marosvasarhely, Romania

91) Regular Seminar lecture (spring)
2019 Marosvasarhely, Romania

92) EPC Conference
2019 Bergen, Norway

93) Pittsburgh, NIDDK, NIH
2019 Pittsburgh, USA

94) Jefferson University
2019 Philadelphia, US, USA

95) IAP Conference
2019 Cape Town, South Africa

96) Romanian Pancreatic Club Meeting
2019 September, Bucharest, Romania

97) Czech GI meeting
2019 September, Prague, Czech Republic

98) UEG Conference
2019 Barcelona, Spain

99) USC Seminar Lectures
2019 Los Angeles, USA

100) APA Annual Conference
2019 Hawaii, USA

101) Regular Seminar lecture (spring)
2019 Marosvasarhely, Romania

102) Seminar lecture
2020 Rotterdam Erasmus Centre

103) UEG Conference
2020 UEG Virtual

ASSOCIATE EDITOR/EDITORIAL BOARD MEMBER FOR

Pancreas	2007-
Pancreatology	2008-
World J Gastroenterol	2010-
Frontiers in Physiology	2010-
Acta Physiology (Oxford)	2011-2016
Journal of Physiology	2020-

REVIEWER FOR

Experimental Physiology	2004-
Pancreas	2004-
Medical Science Monitor	2005-
Pancreatology	2006-
Gut	2008-
Cellular Physiology and Biochemistry	2008-
Pflugers Archiv	2008-
European Journal of Clinical Investigation	2009-
IBD	2010-
Cell Calcium	2012-
Gastroenterology	2012-
Journal of Physiology	2012-
UEG Journal	2016-
Nature Gastroenterology and Hepatology	2018-
American Journal of Gastroenterology	2018-
Lancet Gastroenterology	2020-

HONORS, AWARDS & ORGANIZATIONS

- Outstanding scientific records at the University of Pécs (2016-2020)
- Szent-Györgyi Talent Prize (2016)
- Distinguished Prize for the International Relationship of Szeged (2016)
- Simor Pal Award – MGT (2015)
- Pro Otimo Merito in Gastroenterologia - MGT (2015)
- Bolyai Plaque of The Hungarian Academy of Science (2012)
- Outstanding Project Student Supervisor – University of Szeged (2011, 2016)
- Bolyai Prize of The Hungarian Academy of Science (2008)
- Erwin Kuntz Prize of The Hungarian Gastroenterological Society (2005)
- Second Prize Student Competition Essay (1997)
- Imre Magyar Prize of the Hungarian Gastroenterological Society (1996)
- First Prize of the Hungarian Biochemical Society in Student Competition (1996)
- Third Prize Student's Essay in Science (1995)
- Second Prize National Student Competition Essay in Science (Hungary, 1995)
- Young Scientist Prize of The Hungarian Gastroenterological Society (1995)
- Third Prize Student's Essay in Science (1995)
- Medicom-Glaxo Prize (1994)

FIELD OF RESEARCH

BASIC: Physiology and pathophysiology of pancreas, bicarbonate secretion from pancreatic duct cells, acute and chronic pancreatitis, endocrine-exocrine interactions, GI hormones, epithelial ion transporters, signaling mechanisms between epithelial cells and myofibroblasts.

CLINICAL: Chair of the Hungarian Pancreatic Study Group. Running prospective multicenter clinical trials.

PHASE I. CLIN TRIAL: Shire (SHP634-101) An Open-Label, Randomized, Crossover Study to Assess the Pharmacokinetic and Pharmacodynamic Profiles of Once-Daily and Twice-Daily Dose Regimens of recombinant human Parathyroid Hormone (rhPTH[1-84]) Administered Subcutaneously to Subjects with Hypoparathyroidism

CURRENT RESEARCH PROJECTS

BASIC RESEARCH: investigation of the role of

- 1) CFTR in AP,
- 2) mitochondria in AP,
- 3) recurrent attacks in the development of CP

TRANSLATIONAL PROJECTS:

- 1) the effects of smoking on pancreatitis,
- 2) restoration of energy level in pancreatic exocrine cells,
- 3) restoration of CFTR in pancreatitis,
- 4) unravel the primary mechanisms underlying CF-related diabetes (CFRD) in human

CLINICAL TRIALS:

- 1) EASY study (ISRCTN10525246): Early Achievable Severity Index in AP,
- 2) PREPAST (ISRCTN13517695): Preventive Pancreatic Stent
- 3) APPLE (ISRCTN89664974): Analyses of Pediatric Pancreatitis,
- 4) PINEAPPLE (ISRCTN35618458): Pain in the Early Phase of Pediatric Pancreatitis
- 5) GOULASH General Utilisation of Energy in the Early Phase of Acute Pancreatitis (ISRCTN63827758)

For more projects see:

<https://tm-centre.org/en/trials/gastroenterology-en-1/>

PHD COMMITTEE MEMBER

Year	Position	Name of Candidate	University
2003	member	Dr. Gabor Szalmay	STE, Budapest, Hungary
2006	member	Zoltan Kukor	STE, Budapest, Hungary
2006	referee	Zsolt Bartha	STE, Budapest, Hungary
2007	member	Orsolya Kiraly	STE, Budapest, Hungary
2007	examiner	Irma Demeter	STE, Budapest, Hungary
2008	referee	Akos Szucs	STE, Budapest, Hungary
2009	referee	Berkes Péter	STE, Budapest, Hungary
2010	external examiner	David Booth	University of Liverpool
2015	external examiner	Li Wen	University of Liverpool
2015	examiner	Barbara Lovász	STE, Budapest, Hungary
2015	examiner	Petra Golovics	STE, Budapest, Hungary
2017	external examiner	Helen Tampton	University of Liverpool
2020	chairman	Gábor Zsóri	SZTE, Szeged, Hungary

D.SC COMITTEE MEMBER

2015	referee	Lakatos Péter	SE Semmelweis University
2014	committee member	Györffy Balazs	MTA
2013	committee member	Korponay-Szabo Ima	DE

D.SC. DEGREE RECEIVED BY HIS CO-WORKER OR STUDENTS

<i>Name of the Scientist</i>	<i>Year</i>	<i>University</i>	<i>At the age of</i>
1. Zoltán Rakonczay	2013	SZTE, Szeged, Hungary	38y
2. Viktória Venglovecz	2020	MTA	39y

HABILITATIONS BY HIS CO-WORKER OR STUDENTS

<i>Name of the Scientist</i>	<i>Year</i>	<i>University</i>	<i>At the age of</i>
1. Zoltán Rakonczay	2013	SZTE, Szeged, Hungary	38y
2. Viktória Venglovecz	2017	SZTE, Szeged, Hungary	37y
3. József Czimmer	2018	PTE. Pécs, Hungary	
4. Margit Solymár	2020	PTE. Pécs, Hungary	
5. Nelli Farkas	2020	PTE. Pécs, Hungary	
6. Patrícia Sarlós	2020	PTE. Pécs, Hungary	

PH.D. STUDENT SUPERVISOR

Name of the Scientist	Year	University	Degree
1. Viktoria Venglovecz	2004-2008	SZTE, Szeged, Hungary	summa cum laude
2. Bela Ozsvari	2004-2008	SZTE, Szeged, Hungary	summa cum laude
3. Imre Ignath	2005-2008	SZTE, Szeged, Hungary	cum laude
4. Dr. Klaudia Farkas	2007-2010	SZTE, Szeged, Hungary	summa cum laude
5. György Biczó	2007-2010	SZTE, Szeged, Hungary	summa cum laude
6. Dr. Mátyás Czepán	2007-2010	SZTE, Szeged, Hungary	summa cum laude
7. Petra Pallagi	2008-2013	SZTE, Szeged, Hungary	summa cum laude
8. Dr. József Maléth	2008-2014	SZTE, Szeged, Hungary	summa cum laude
9. Dr. Lajos Kemény	2014	SZTE, Szeged, Hungary	summa cum laude
10. Andrea Geisz	2009-2013	SZTE, Szeged, Hungary	summa cum laude
11. Andrea Schnúr	2009-2013	SZTE, Szeged, Hungary	summa cum laude
12. Éva Kunstár	2009-2015	SZTE, Szeged, Hungary	summa cum laude
13. Dr. Anita Balázs	2012-2015	SZTE, Szeged, Hungary	summa cum laude
14. Andrea Szentesi	2017	SZTE, Szeged, Hungary	summa cum laude
15. Dr. Balázs Kui	2012-2017	SZTE, Szeged, Hungary	summa cum laude
16. Dr. Gábor Lakatos	2017	SZTE, Szeged, Hungary	cum laude
17. Dr. Andrea Párniczky	2017	SZTE, Szeged, Hungary	summa cum laude
18. Dr. Tóth Anna	2018	SZTE, Szeged, Hungary	summa cum laude
19. Dr. Márta Katalin	2019	PTE, Pécs, Hungary	summa cum laude
20. Dr. Emese Tóth	2020	SZTE, Szeged, Hungary	summa cum laude
21. Dr. Mosztbacher Dóra	2020	SZTE, Szeged, Hungary	summa cum laude
22. Fanczal Júlia	2020	SZTE, Szeged, Hungary	summa cum laude
23. Dr. Erőss Bálint	2020	PTE, Pécs, Hungary	summa cum laude
24. Dr. Péter Jenő Hegyi	2020	Bratislava, Slovakia	not stated
25. Dr. Szilárd Gódi	2021	PTE, Pécs, Hungary	Date: 11-02-2021

PH.D. STUDENT PROGRAM LEADER (Gastroenterology & Translational Medicine)

1. Linda Judák	2008-2014	SZTE, Szeged, Hungary	<i>summa cum laude</i>
/Supervisor: Viktoria Venglovecz/			
2. Dr. Laczkó Dorottya	2013-2016	SZTE, Szeged, Hungary	<i>summa cum laude</i>
/Supervisor: Viktoria Venglovecz/			
3. Máté Katona	2013-2016	SZTE, Szeged, Hungary	<i>summa cum laude</i>
/Supervisor: Viktoria Venglovecz/			
4. Dr. Judit Bajor	2017-2020	PTE, Pécs, Hungary	<i>summa cum laude</i>
/Supervisor: Áron Vincze/			
5. Eszter Pákai	2017-2020	SZTE, Szeged, Hungary	<i>summa cum laude</i>
/Supervisor: András Garami/			
6. Dr. Adrien Erős	2017-2020	PTE, Pécs, Hungary	<i>summa cum laude</i>
/Supervisor: Patrícia Sarlós/			
7. Dr. Roland Hágendorn	2017-2020	SZTE, Szeged, Hungary	<i>summa cum laude</i>
/Supervisor: Alexandra Mikó/			
8. Dr. Zsolt Szakács	2017-2021	PTE, Pécs, Hungary	Date: 08-02-2021
/Supervisor: Judit Bajor/			

STUDENTS LEAD BY HIS TEAM MEMBERS

Laczkó Dorottya	2010-2013	SZTE ÁOK h.	Presentations at SZEGED SCA: 2
Gál Eleonóra	2010-	SZTE TTIK h.	Presentations at SZEGED SCA: 2
			Presentations at NATIONAL SCA: 2
Ávéd László	2012-2013	SZTE ÁOK h.	Presentations at SZEGED SCA: 0
Orosz Csaba	2012-2013	SZTE ÁOK h.	Presentations at SZEGED SCA: 1
Komáromi Gergely	2012-2014	SZTE TTIK h.	Presentations at SZEGED SCA: 2
Zombori Laura	2013-2014	SZTE ÁOK h.	Presentations at SZEGED SCA: 2
Birkás Klaudia	2013-2015	SZTE ÁOK h.	Presentations at SZEGED SCA: 1
Andrea Molnár	2014-2016	SZTE ÁOK h.	
Tóth Brigitta	2015-2016	SZTE TTIK h.	Presentations at SZEGED SCA: 1
Orsolya Berczell	2015-2016	SZTE TTIK h.	Presentations at SZEGED SCA: 1

Note: Data are not collected after 2015.

UNDERGRADUATE STUDENT RESEARCH FELLOW'S SUPERVISOR

Number of student fellows lead by Peter Hegyi: **23**

Number of student fellows lead by a member of his lab: **7**

Number of presentations at student competitions: **69**

Number of first prizes: **3**

József Maléth (2007), Lajos Nagy (2008), Andrea Schnúr (2009)

Number of other prizes: **24**

<i>Name of the Student</i>	<i>Year</i>	<i>University</i>	<i>Presentations at student competitions essay</i>
Farkas Norbert	1998-1999	SZTE ÁOK h.	Presentations at SZEGED SCA: 1
Farkas Helga	1998-1999	SZTE ÁOK h.	Presentations at SZEGED SCA: 1
Maléth József	2005-2008	SZTE ÁOK h.	Presentations at SZEGED SCA: 7 Presentations at NATIONAL SCA: 2
Székely Csilla	2005-2008	SZTE TTIK h.	Presentations at SZEGED SCA: 8 Presentations at NATIONAL SCA: 1
Cseppentő Tamás	2005-2006	SZTE TTK h.	Presentations at SZEGED SCA: 1
Czepán Mátyás	2006-2007	SZTE ÁOK h.	
Farkas Klaudia	2006-2007	SZTE ÁOK h.	
Nagy Lajos	2006-2008	SZTE TTIK h.	Presentations at SZEGED SCA: 8 Presentations at NATIONAL SCA: 3
Fejes Ádám	2006-2007	SZTE TTIK h.	Presentations at SZEGED SCA:
Legány Nóra	2007-2008	SZTE ÁOK h.	Presentations at SZEGED SCA: 2
Biczó György	2007-2008	SZTE ÁOK h.	Presentations at SZEGED SCA: 1
Gera Melinda	2008-2009	SZTE TTIK h.	
Orbán Kinga	2010-2011	SZTE ÁOK h.	Presentations at SZEGED SCA: 1
Szabó Anita	2007-2010	SZTE ÁOK h.	Presentations at SZEGED SCA: 2
Lukács Dóra	2008-2010	SZTE ÁOK h.	Presentations at SZEGED SCA: 1
Schnúr Andrea	2006-2010	SZTE TTIK h.	Presentations at SZEGED SCA: 6 Presentations at NATIONAL SCA: 1
Balázs Anita	2007-2012	SZTE ÁOK h.	Presentations at SZEGED SCA: 2
Kemény Lajos	2009-2013	SZTE ÁOK h.	Presentations at SZEGED SCA: 4 Presentations at NATIONAL SCA: 2
Diósi Bernadett	2010-2012	SZTE ÁOK h.	Presentations at SZEGED SCA: 1
Tóth Krisztina	2010-2013	SZTE ÁOK h.	Presentations at SZEGED SCA: 2 Presentations at NATIONAL SCA: 1
Kormányos Eszter	2010-2013	SZTE ÁOK h.	Presentations at SZEGED SCA: 1
Orbán Kinga	2010-2013	SZTE ÁOK h.	Presentations at SZEGED SCA: 1

Note: Data not collected after 2014

PRIZES WON BY HIS UNDERGRADUATE STUDENTS

2006. év

- ÁOK TDK III. Prize (Maléth J)

2007. év

- ÁOK TDK I. Prize (Maléth J) abszolút 1. helyezett
- ÁOK TDK II. Prize (Nagy L)
- ÁOK TDK III Prize (Székely C)

2008. év

- ÁOK TDK III Prize (Legány N, Schnúr A)
- ÁOK TDK III Prize (Székely C-Nagy L)
- ÁOK TDK III Prize (Maléth J)
- ÁOK TDK Special Prize (Biczó Gy)
- TTIK TDK I Prize (Nagy L)
- TTIK TDK III. Prize (Schnúr A)

2009. év

- OTDK I Prize (Schnúr A)
- OTDK II Prize (Nagy L)
- ÁOK TDK III. Prize (Szabó A)
- ÁOK TDK III Prize (Nagy L., Székely C)
- Kolozsvári E. TDK III. Prize (Székely C)

2010. év

- ÁOK TDK III. Prize (Lukács D)

2011. év

- ÁOK TDK II. Prize (Balázs A)
- ÁOK TDK II. Prize (Kemény L)
- ÁOK TDK III. Prize (Orbán K)
- ÁOK TDK III. Prize (Tóth K)
- ÁOK TDK III. Prize (Kemény

2012. év

- ÁOK TDK II. Prize (Tóth K)
- ÁOK TDK III. Prize (Kemény LV)
- ÁOK TDK III. Prize (Balázs A)
- TTIK TDK KülönPrize (Gál E)

2013. év

- ÁOK TDK III. Prize (Laczkó D)
- OTDK KülönPrize (Kemény LV, Tóth K, Gál E)

UNDERGRADUATE THESIS

Nagy Lajos	biology student	2008
Székely Csilla	biology student	2008
Maléth József	medical student	2009
Schnúr Andrea	biology student	2010
Balla Zsolt	biology student	2012
Ávéd János	medical student	2013
Diósi Bernadett	medical student	2013
Kormányos Eszter	medical student	2013
Tóth Krisztina	medical student	2013
Tóth Eszter	medical student	2017
Kárász Klaudia	medical student	2018
Török Fanni	medical student	2018
Tímár Gergely	medical student	2018
Kiss Szabolcs	medical student	2019
Földi Mária	medical student	2019
Judit Hegyi	economy student	2020

ACTIVE MANAGEMENT OF HIS STUDENTS

for international scientific fellowship

1) Dr. Zoltán Rakonczay	University of Newcastle	24 m	2003	
2) Dr. Sári Réka	University of	2	2004	
3) Dr. Ózsvári Béla	Newcastle	weeks	2005	
4) Dr. Venglovecz Viktória	University of	2	2005	
5) Dr. Rakonczay Zoltán	Newcastle	weeks	2006	
6) Dr. Ózsvári Béla	University of Newcastle	2	2006	
7) Dr. Venglovecz Viktória	UCLA	weeks	2007	
8) Dr. Venglovecz Viktória	Boston University		2008	
9) Dr. Czepán Mátyás	University of Newcastle	5 m	2009	
10) Dr. Farkas Klaudia	University of Liverpool	12	2009	
11) Pallagi Petra	University of Liverpool	m	2009	
12) Geisz Andrea	University	1 weeks	6 m	2009
13) Judák Linda	University	1 weeks	12 m	2009
14) Balázs Anita	University	24 m	4 m	2010
15) Schnúr Andrea	University of	1		
	Newcastle	weeks	2010	
	Boston University	1		
	Boston University	weeks		
		24 m		
		3 m		

ACTIVE MANAGEMENT OF HIS STUDENTS

for international scientific fellowship

16) Balázs Anita	Boston University	3 m	2011
17) Kemény Lajos	Rochester		
18) Dr. Maléth József	University of Liverpool	3 m	2011
19) Kemény Lajos	UCSD	3 m	2011
20) Balázs Anita	Boston University	3 m	2012
21) Dr. Maléth József	NIH	3 m	2012
22) Dr. Hegyi Eszter	Manchester University	12 m	2013
23) Dr. Balázs Anita	Heidelberg University	3 m	2013
24) Dr. Schnúr Andrea	McGill University		
25) Dr. Geisz Andrea	Boston University	3 m	2013
26) Dr. Végh Eszter	UCLA		
27) Dr. Kemény Lajos	Harvard University	24 m	2013
28) Dr. Párniczky Andrea	University of Leipzig		
29) Dr. Hegyi Eszter	Boston University	24 m	2013
30) Dr. Katona Máté	University of Liverpool		2013
31) Dr. Balázs Anita	Greifswald University	12 m	
32) Dr. Katona Máté	Greifswald University		2014
33) Dr. Maléth József	NIH	24 m	
34) Dr. Párniczky Andrea	University of Leipzig	3	2014
35) Dr. Párniczky Andrea	University of Cincinnati	m	
36) Dr. Tóth Anna	Boston University		2014
37) Dr. Mosztbacher Dóra	University of Halle	24 m	2014
38) Dr. Alexandra Demcsák	University of Halle		
39) Dr. Andrea Párniczky	Boston University	1 week	2014
40) Dr. Dóra Mosztbacher	Boston University		2014
41) Dr. Irina Cazacu	PTE/Craiova University	1 week	
42) Dr. Marilena Lazarescu	PTE/Temesvar		2015
43) Dr. Végh Eszter	UCLA	1 week	
44) Dr. Tóth Emese	University of Iowa	1 m	2015
45) Dr. Peter Hegyi Jr.	PTE/Dunaszerdahely		
46) Dr. Alexandra Demcsák	Boston University	1 m	2015
47) Dr. Katalin Márta	Jefferson Institution,	2	
48) Dr. Peter Hegyi Jr.	Philadelphia	m	2015
	Royal Bournemouth Hospital		
		12m	2015
		3m	2016
			2016
		3m	
			2017
		6m	2017
			2017
		24m	2017

MEMBERSHIPS

- Member of the Hungarian Gastroenterological Society *from 1994*
- Member of the European Pancreatic Club *from 1995*
- Member of the American Pancreatic Association *from 2005*
- Member of the Physiological Society (UK) *from 2009*

CURRENT SCIENTIFIC/UNIVERSITY COMMITTEES

- **Chairman** of SciCom of the HGS *from 2019*
- **Board Member** of the HGS *from 2008*
- **Member** of the Doctoral Committee I at the Hungarian Academy of Sciences *from 2011*
- **President** of the Hungarian Pancreatic Study Group *from 2011*
- **Secretary** of the Foundation for the future of biomedical sciences in Szeged *from 2013*
- **Member** of TÜKEB ETT National Ethical Committee *from 2015*
- **Member** of the Life Sciences section at OTKA/NKFI *from 2019*

EARLIER SCIENTIFIC/UNIVERSITY COMMITTEES

- **EPC representative** at UEG Scientific Committee *2017-2021*
- **General Assembly Member** of the UEGF *2008-2015*
- **Council member** of the IAP *2010-2018*
- **Secretary** of the Hepato-Gastroenterological Committee of the Hungarian Academy of Science, Szeged *2008-2015*
- **Council Member** of the European Pancreatic Club *2007-2010*
- **President** of the European Pancreatic Club *2009*
- **Secretary** of the strategy and grant committee of the University of Szeged, Faculty of Medicine *2010-2014*
- **Member** of KISOR (experimental medicine) committee at OTKA/NKFI *2015, 2017*
- **President** of KISOR (experimental medicine) committee at OTKA/NKFI *2016*
- **Secretary** of the European Pancreatic Club *2012-2017*
- **President** of NN (all sciences) committee at OTKA/NKFI *2018*

INTERNATIONAL CONFERENCE ORGANIZATION

- Annual Meeting of the European Pancreatic Club, Szeged 2009
Number of international scientists: **330**
- Basic Science Workshop: Clinical and Basic Pancreatology, Szeged 2009
Number of international scientists: **215**
- International Workshop on Acute Pancreatitis, Szeged 2011
Number of international scientists: **83**
- 75th Anniversary of Albert Szent-Györgyi's Nobel Prize Award, Szeged 2012
Number of international scientists: **254**
Nobel Laureates: **9**
- Annual Basic Science Workshop of the UEG, Szeged 2012
Number of international scientists: **78**
- 1st meeting of the Hungarian Pancreatic Study Group, Szeged 2012
Number of international scientists: **6**
- IUPS, Birmingham 2013
- 2nd meeting of the Hungarian Pancreatic Study Group, Szeged 2013
Number of international scientists: **4**
- 2nd meeting of Nobel laureates and talented students, Szeged 2013
Number of international scientists: **1**
Nobel Laureates: **1**
- AGA DDW, Chicago 2014
- 3rd meeting of Nobel laureates and talented students, Szeged 2013
Number of international scientists: **2**
Nobel Laureates: **2**
- 3rd meeting of the Hungarian Pancreatic Study Group, Szeged 2014
Number of international scientists: **8**
- 9th meeting of ALPD, Szeged 2014
Number of international scientists: **47**
- FEPS, Budapest 2014

- 4th meeting of Nobel laureates and talented students, Szeged 2015
Number of international scientists: **2**
Nobel Laureates: **1**

- 5th meeting of Nobel laureates and talented students, Szeged 2015
Number of international scientists: **1**
Nobel Laureates: **1**

- 6th meeting of Nobel laureates and talented students, Szeged 2015
Number of international scientists: **3**
Nobel Laureates: **1**

- 4th meeting of Nobel laureates and talented students, Szeged 2015
Number of international scientists: **2**
Nobel Laureates: **1**

- 5th meeting of Nobel laureates and talented students, Szeged 2015
Number of international scientists: **1**
Nobel Laureates: **1**

- 6th meeting of Nobel laureates and talented students, Szeged 2015
Number of international scientists: **3**
Nobel Laureates: **1**

- 4th meeting of the Hungarian Pancreatic Study Group, Budapest 2015
Number of international scientists: **24**

- 7th meeting of Nobel laureates and talented students, Szeged 2016
Nobel Laureates: **1**

- 8th meeting of Nobel laureates and talented students, Szeged 2016
Nobel Laureates: **1**

- 5th meeting of the Hungarian Pancreatic Study Group, Budapest 2016
Number of international scientists: **26**

- 9th meeting of Nobel laureates and talented students, Szeged 2017
Number of international scientists: **1**
Nobel Laureates: **1**

- Annual Meeting of the European Pancreatic Club, Budapest 2017
Number of international scientists: **550**

- 10th meeting of Nobel laureates and talented students, Szeged 2017
Number of international scientists: **1**
Nobel Laureates: **1**
- 6th meeting of the Hungarian Pancreatic Study Group, Budapest 2017
Number of international scientists: **8**
- 11th meeting of Nobel laureates and talented students, Szeged 2018
Number of international scientists: **1**
Nobel Laureates: **1**
- 7th meeting of the Hungarian Pancreatic Study Group, Budapest 2018
Number of international scientists: **3**
- 12th meeting of Nobel laureates and talented students, Szeged 2018
Number of international scientists: **1**
Nobel Laureates: **1**
- 13th meeting of Nobel laureates and talented students, Szeged 2019
Number of international scientists: **1**
Nobel Laureates: **1**
- UEG Basic Science Workshop, Pécs 2019
Number of international scientists: **70**
- 14th meeting of Nobel laureates and talented students, Szeged 2019
Number of international scientists: **1**
- AE Workshop - Frontiers in Translational medicine, Budapest 2019
Number of international scientists: **17**
- 15th meeting of Nobel laureates and talented students - VIRTUAL, Szeged 2020
Number of international scientists: **1**

TEACHING EXPERIENCE

- Internal Medicine *from 1997*
- Pharmacology *from 2002*
- Postgraduate students education *from 2004*
- Gastroenterology *from 2013*
- Pathophysiology *from 2016*
- Translational Medicine *from 2017*

ESTABLISHMENT OF THE SZEDED SCIENTISTS ACADEMY

<http://www.nobel-szeged.hu/eng/index.php>

Péter Hegyi and Andras Varró have established the Szeged Scientist Academy in 2013, which is a multigenerational school that nurtures young talents with the objective of developing promising youths into prominent scientists for future biomedical research. The Academy guides and supports its students for 20 years by providing them with scholarships, as well as with domestic and international research opportunities.

Today, the Academy's mentors, secondary school teachers and students are referred to as Szent-Györgyi Pupils, Students, Mentors, International Mentors and Teachers – expressing great respect and admiration towards Albert Szent-Györgyi. The sponsors of the Academy, acknowledging and implementing former Minister of Culture, Kunó Klebelsberg's activities, are referred to as Klebelsberg Donors.

At the end of 2015 Szeged Scientists Academy reached a turning point in its history: the fruits of labour were rewarded by the government of Hungary's decision to support the Academy with over two billion forints (2028/2015. (XII.29.) Government Decree). The work done by Szent-Györgyi Students and their mentors had proved by then that it was well worth supporting the best with scholarships, grants and opportunities. Meetings organized yearly made it possible for pupils and teachers of several secondary schools to join in the program.

Thanks to this support, Szeged Scientists Academy now has the chance to become both nationally and internationally determining and competitive. At the request of the Foundation, German Nobel Laureate physiologist, Dr. Bert Sakmann has accepted the post of Director of education for Szeged Scientists Academy. He is in charge of, among others, helping to widen international relations of Szeged Scientists Academy, participating in improving the talent management program by passing on his experience, involving further Nobel Laureates in the program, and also meeting scholarship Students, Mentors of SzSA and secondary school teachers regularly.

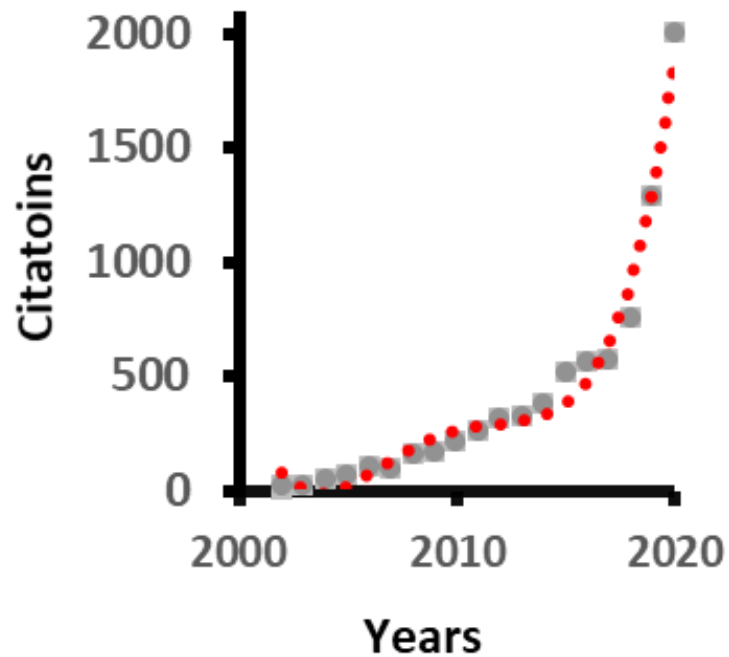
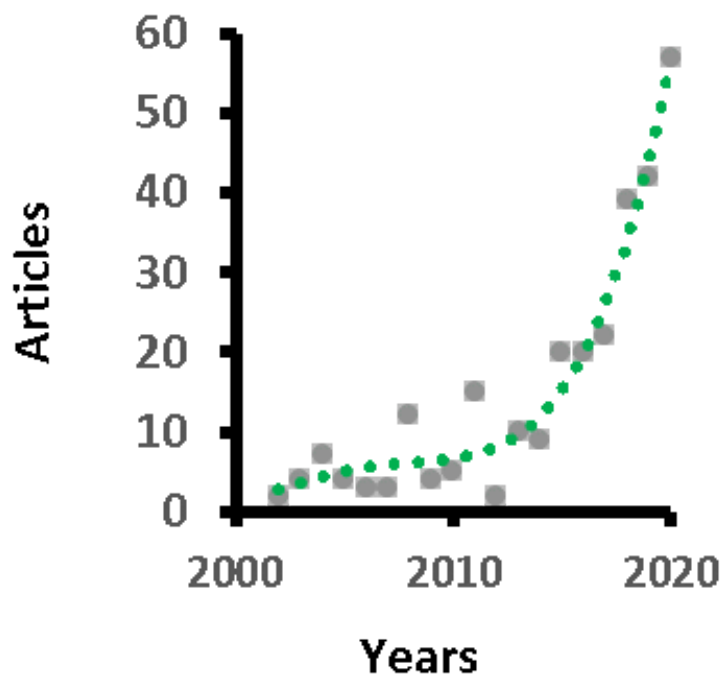
PUBLICATIONS

Google Scholar:

- Total number of citations of all scientific publications: **8342**
- H-index / h-index: **48**

Articles:

https://scholar.google.hu/citations?user=TTavq_UAAAAJ&hl=en



THE 5 MOST RELEVANT BASIC SCIENCE PAPERS

[1] **Hegyi P**, Maléth J, Walters JR, Hofmann AF, Keely SJ.

Guts and Gall: Bile Acids in Regulation of Intestinal Epithelial Function in Health and Disease.

PHYSIOL REV. 2018 Oct 1;98(4):1983-2023. doi: 10.1152/physrev.00054.2017. Review.

IF: 27.312

[2] Maléth J, Balla Z, Kui B, Balázs A, Katona M, Judák L, Németh I, Pallagi P, Kemény LV, Rakonczay Z Jr, Viktória Venglovecz V, Földesi I, Pető Z, Somorácz A, Borka K, Perdomo D, Lukacs GL, Gray MA, Monterisi S, Zaccolo M, Sandler M, Mayerle J, Kühn JP, Lerch MM, Sahin-Tóth M, **Hegyi P**.

Alcohol Disrupts Levels and Function of the Cystic Fibrosis Transmembrane Conductance Regulator to Promote Development of Pancreatitis.

GASTROENTEROLOGY 2015 Feb;148(2):427-39.e16. doi: 10.1053/j.gastro.2014.11.002.

Epub 2014 Nov 7. Highlighted in Nature Reviews HG

<http://www.nature.com/nrgastro/journal/vaop/ncurrent/full/nrgastro.2014.204.html>

IF: 18.187

[3] Pallagi P, Venglovecz V, Rakonczay Z, Borka K, Korompay A, Ózsvári B, Judák L, Sahin-Tóth M, Geisz A, Schnúr A, Maléth J, Takács T, Gray MA, Argent BE, Mayerle J, Lerch MM, Wittmann T and **Hegyi P**. Trypsin reduces pancreatic ductal bicarbonate secretion by inhibiting CFTR Cl⁻ Channels and luminal anion exchangers.

GASTROENTEROLOGY, 141:(6) pp. 2228-2239. (2011)

IF: 12.032

[4] Maleth J, Venglovecz V, Rázga Zs, Tiszlavicz L, Rakonczay Z, **Hegyi P**.

The non-conjugated chenodeoxycholate induces severe mitochondrial damage and inhibits bicarbonate transport in pancreatic duct cells

GUT 2011 Jan;60(1):136-8.

IF: 10.614

[5] Venglovecz V, Rakonczay Z, Ozsvari B, Takacs T, Lonovics J, Varro A, Gray MA, Argent BE, **Hegyi P**. Effects of bile acids on pancreatic ductal bicarbonate secretion in guinea pig

GUT 57: (8)1102-1112 (2008)

IF: 9.357

THE 5 MOST RELEVANT CLINICAL SCIENCE PAPERS

[1] Hegyi PJ, Soós A, Tóth E, Ébert A, Venglovecz V, Márta K, Mátrai P, Mikó A, Bajor J, Sarlós P, Vincze Á, Halász A, Izbéki F, Szepes Z, Czakó L, Kovács G, Papp M, Dubravcsik Z, Varga M, Hamvas J, Németh BC, Macarie M, Ince AT, Bordin DS, Dubtsova EA, Kiryukova MA, Khatkov IE, Bideeva T, Mickevicius A, Ramírez-Maldonado E, Sallinen V, Erőss B, Pécsi D, Szentesi A, Párniczky A, Tiszlavicz L, Hegyi P. *Evidence for diagnosis of early chronic pancreatitis after three episodes of acute pancreatitis: a cross-sectional multicentre international study with experimental animal model.*

SCIENTIFIC REPORTS. 2021 Jan 14;11(1):1367. doi:
10.1038/s41598-020-80532-6.

IF: **3.998**

[2] **Hegyi P**, Szakács Z, Sahin-Tóth M.

Lipotoxicity and Cytokine Storm in Severe Acute Pancreatitis and COVID-19.

Gastroenterology. 2020 Sep;159(3):824-827. doi:
10.1053/j.gastro.2020.07.014. Epub 2020 Jul 17.

IF: **17.373**

[3] Meczker Á, Hanák L, Párniczky A, Szentesi A, Erőss B, **Hegyi P**; Hungarian Pancreatic Study Group. *Analysis of 1060 Cases of Drug-Induced Acute Pancreatitis.*

Gastroenterology. 2020 Nov;159(5):1958-1961.e8. doi:
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