

PROF. DR. MÁRTA PÉNTEK DSC



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1 JOBS

- 2024 -** Chair of the University Doctoral and Habilitation Council, Obuda University
- 2020 -** Professor, Health Economics Research Center (HECON), University Research and Innovation Center (URIC), Obuda University
- 2015 - 2020** Professor, Department of Health Economics, Faculty of Economics, Corvinus University of Budapest, Budapest
- 2013 - 2015** Associate Professor, Department of Health Economics, Faculty of Economics, Corvinus University of Budapest, Budapest
- 2009 - 2013** Adjunct Professor, Research Centre for Health Economics and Technology Analysis (predecessor of the Department of Health Economics), Faculty of Economics, Corvinus University of Budapest, Budapest
- 1989 -** senior consultant rheumatologist, Department of Rheumatology and Physiotherapy, Flór Ferenc Hospital, Pest County, Kistarcsa (part-time since 2008)

2 EDUCATION, STUDENT QUALIFICATIONS

- 2022 Doctor of Science (<http://real-d.mtak.hu/1331/>)
- 2013 Habilitation, University of Pécs, Pécs
https://doktoriiskola.etk.pte.hu/public/upload/files//Doktoriiskola/Hab_eloadasok/PentekMarta.pdf)
- 2008 Ph.D., Semmelweis University, Budapest
Thesis title: "Health status and burden of patients with rheumatoid arthritis in Hungary" Thesis supervisor: Prof. Dr. László Gulácsi
http://old.semmelweis.hu/wp-content/phd/phd_live/vedes/export/pentekmarta.d.pdf
- 1997** Diploma in Rheumatology and Physiotherapy, Semmelweis University, Budapest
- 1989** Medical Doctor, Semmelweis University, Budapest

3 LANGUAGE SKILLS

- 1983 Portuguese higher state exam
- 1987 English higher state exam

4 SCIENTOMETRICS (MTMT)

Impact factor:

Total: **484.8**

Citations:

Total citations: 5002

Total independent citations: 3641

Hirsch index: 36

MTMT publication list and evaluation tables available:

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10002852>

<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10002852&view=pubTable>

Google Scholar:

<https://scholar.google.com/citations?user=ZWupKeEAAAAJ&hl=en>

5 DOCTORAL SCHOOL ACTIVITIES

PhD students graduated: 9 (of which shared supervision: 5)

Vártokné Hevér Noémi (2014),

<http://phd.lib.uni-corvinus.hu/813/>

Mahshid Moradi 50% (2017),

http://phd.lib.uni-corvinus.hu/977/7/Mahshid_Moradi_ten.pdf

dr. Ágnes Kovács 50% (2017),

http://phd.lib.uni-corvinus.hu/976/13/Kovacs_Agnes_thu.pdf

dr. Adrienn Katalin Poór (2018),

http://old.semmelweis.hu/wp-content/phd/phd_live/vedes/export/pooradriennkatalin.m.pdf

dr. Zsombor Zrubka (2019)

http://phd.lib.uni-corvinus.hu/1063/3/Zrubka_Zsombor_thu.pdf

Zsuzsanna Beretzký 50% (2020)

<http://phd.lib.uni-corvinus.hu/1095/>

Kopcsóné Németh Irén 50% (2021),

http://phd.lib.uni-corvinus.hu/1154/1/kopcsone_nemeth_iren_dhu.pdf

Óscar Brito Fernandes 25% (University of Amsterdam)

<https://pure.uva.nl/ws/files/85743539/Thesis.pdf>

Áron Hölgyesi (Semmelweis University)

<https://doktori.hu/doktori-vedesek/28915/>

Topics in progress: 1

János Czere (Obuda University)

Detailed information:

https://doktori.hu/index.php?menuid=192&lang=HU&sz_ID=8437

Topics

2023- Obuda University, Doctoral School of Innovation Management

Themes:

1. Clinical trials of innovative health technologies from development to societal benefit
2. The role of information asymmetry in the management of health innovations

2021- Obuda University, Doctoral School of Applied Informatics and Applied Mathematics (AIAM DI)

Theme: Digital innovations and IT systems for health measurement

2019 - Semmelweis University, School of Clinical Medicine, Doctoral School of Molecular Medicine

	<u>Topic:</u> Health economics of immunological diseases
2019	Corvinus University of Budapest, Doctoral School of General and Quantitative Economics
	<u>Theme:</u> The value of health and the economics of health
2016 - 2019	Corvinus University of Budapest, Doctoral School of Business Informatics
	<u>Theme:</u> The impact and management of information symmetry in healthcare
2010 - 2019	Corvinus University of Budapest, Doctoral School of Business Administration
	<u>Theme:</u> Disease burden and quality of life studies, the role of individual and social preferences in health economic evaluations and financing decisions
2009 -	Semmelweis University, Doctoral School of Clinical Medicine, Dermatology and Venereology programme (topic writer)
	<u>Topic:</u> Examining changes in quality of life associated with disease, analysing the impact of disease burden at individual and societal levels, with a particular focus on chronic dermatological diseases

Course leader, instructor

- SE Doctoral School Health Economics Course 2010-2015
- BCE Business Administration DS: Health economics course 2013-2020
- University of Amsterdam, The Netherlands HealthPros Programme PhD training 2021
- Universidade Las Palmas de Gran Canaria, Spain (guest lecturer)
PhD Programme in Tourism Economics and Management 2021
- OE AIAM DI Synthesis of scientific evidence in healthcare: systematic review and evaluation of the literature" 2021 -
- ÓE AIAM DI "Measurement and valuation of health gains" 2021 -
- ÓE IMDI Research Methodology and Scientific Writing 2023 -
- ÓE IMDI Synthesis of scientific evidence: systematic literature review and evaluation 2023 -

Professional reviews (PhD reviewer, habilitation invited reviewer)

1. Reviews PhD thesis referee Year: 2023
Semmelweis University Doctoral School
Dr. Gergő Merész: Analysis of reimbursement decisions and improving the appraisal methods of innovative medicinal products
2. Reviews PhD thesis referee Year: 2023
Semmelweis University Doctoral School
Dr Eszter Anna Simoncsics: Attitudes and the role of cognitive approach in chronic low back pain
3. Assessment: habilitation committee, member Year: 2023
OE AIAMDI
Johanna Sájevicsné dr. Sági: Modelling tumour growth during antiangiogenic treatment and engineering-based optimal therapy proposal for personalised, more effective oncological care
4. Reviews PhD thesis referee Year: 2021
Semmelweis University (SE), Doctoral School of Clinical Medicine
Vince Tamás Fazekas-Pongor: Epidemiology of congenital cardiovascular disorders, with special reference to the occupational exposure of parents

[http://old.semmelweis.hu/wp-](http://old.semmelweis.hu/wp-content/phd/phd_live/vedes/export/fazekaspongorvincetam%C3%A1s.m.pdf)

[content/phd/phd_live/vedes/export/fazekaspongorvincetam%C3%A1s.m.pdf](http://old.semmelweis.hu/wp-content/phd/phd_live/vedes/export/fazekaspongorvincetam%C3%A1s.m.pdf)

5. Reviews: PhD thesis referee Year: 2021

Antal Péter Iván: The role of balneotherapy in the rehabilitation of psoriasis patients.

http://doktoriiskola.etk.pte.hu/public/upload/files/Doktoriiskola/Teziszfuzetek/Peter_Ivan_magyar.pdf

6. Reviews: PhD thesis referee Year: 2019

Semmelweis University Doctoral School of Pharmacy

Edit Veszelyné Kotán: Pharmacist care of osteoporosis

http://old.semmelweis.hu/wp-content/phd/phd_live/vedes/export/veszelynekotanedit.d.pdf

7. Habilitation committee, professional supervisor Year: 2018

PTE Faculty of Health Sciences Doctoral School,

Dóra Endrei: Clinical and economic evidence in institutional management decision-making

http://doktoriiskola.etk.pte.hu/doktori_kepzes_aloldalok/doktori-fokozatot-szerzettek-es-habilitaltak-2018

8. Reviews: PhD thesis critique Year: 2015

Semmelweis University Doctoral School of Pharmacy

Réka Bodnár: Quality of life and therapeutic practice in cystic fibrosis in Hungary.

http://old.semmelweis.hu/wp-content/phd/phd_live/vedes/export/bodnarreka.m.pdf

9. PhD thesis referee Year: 2012

SE Graduate School of Clinical Medicine,

Edit Vereckei: Analysis of environmental and immunological factors in degenerative and inflammatory rheumatological diseases.

http://old.semmelweis.hu/wp-content/phd/phd_live/vedes/export/vereckeieidit.d.pdf

10. Reviews: PhD thesis referee Year: 2011

SE Doctoral School of Pharmacy

András Inotai: Pharmacoeconomic aspects of oral non-steroidal anti-inflammatory drugs in rheumatoid arthritis, with special reference to the selective COX-2 inhibitor celecoxib.

http://old.semmelweis.hu/wp-content/phd/phd_live/vedes/export/inotaiandras.m.pdf

6 NATIONAL AND INTERNATIONAL JOURNALS

Member of the Editorial Committee

2016 - Frontiers in Public Health (Scimago Q2; IF-2021: 6,461)

[https://www.frontiersin.org/journals/public-health?utm_source=ad&utm_medium=ggl-](https://www.frontiersin.org/journals/public-health?utm_source=ad&utm_medium=ggl-src&utm_campaign=sub_ggl_fpubh&gclid=CjwKCAiA9NGfBhBvEiwAq5vSy6HqXq4-dUsXI7niE6FdXJOtPES-14zhSORCgrkFlyn2tFOOjozNjBoCwt0QAvD_BwE)
[src&utm_campaign=sub_ggl_fpubh&gclid=CjwKCAiA9NGfBhBvEiwAq5vSy6HqXq4-dUsXI7niE6FdXJOtPES-14zhSORCgrkFlyn2tFOOjozNjBoCwt0QAvD_BwE](https://www.frontiersin.org/journals/public-health?utm_source=ad&utm_medium=ggl-src&utm_campaign=sub_ggl_fpubh&gclid=CjwKCAiA9NGfBhBvEiwAq5vSy6HqXq4-dUsXI7niE6FdXJOtPES-14zhSORCgrkFlyn2tFOOjozNjBoCwt0QAvD_BwE)

2014 - Clinicoeconomics and Outcomes Research (ISSN: 1178-6981) (Scimago Q1; IF: -)

<https://www.dovepress.com/clinicoeconomics-and-outcomes-research-journal>

2013 - Immunology Review (ISSN: 2061-0203)

<https://www.medicina-kiado.hu/kiadvanyaink/folyoiratok/immunologiai-szemle/>

Guest editor

The European Journal of Health Economics (D1; IF-2019: 2.367) Year 2019 Supplement 1

<https://link.springer.com/journal/10198/20/1/suppl>

7 NATIONAL AND INTERNATIONAL SCIENTIFIC SOCIETIES

President:	Hungarian Economic Society, Section of Health and Health Economics, 2014 - (https://www.mkt.hu/hu/tarsasag/szakosztalyaink/)
Member:	Association of Hungarian Rheumatologists (http://www.mre.hu/info.aspx?sp=100) Hungarian Osteoporosis and Osteoarthritis Society Public Body of the MTA (https://mta.hu/koztestuleti_tagok?PersonId=22263) EuroQol Group (https://euroqol.org) IEEE (https://www.ieee.org/about/index.html) ACQol (http://www.acqol.com.au/members#current-acqol-members)

8 NATIONAL AND INTERNATIONAL SCIENTIFIC GRANTS AWARDED

National

2022-2025	NKFI Thematic Excellence Programme Innovative and Digital Health Technologies Development and Evaluation - Evaluation of Digital Medical Devices: efficacy, safety and social utility, sub-project leader (HUF 300 million):
2018-2019	Ministry of Human Resources: Higher Education Institutional Excellence Programme "Health care, social burden: current and future costs, demand and evaluation of innovations" 20764-3/2018/FEKUTSTRAT, research leader (HUF 100 million)
2016-2017	Corvinus University of Budapest: Research Excellence Award (HUF 1 million)
2011-2012	Operational Programme for Social Renewal - TÁMOP (4.2.1.B-09/1/KMR-2010-0005): value-based pricing and value-based financing in health care, Health subproject, Talentum programme (Support for mentoring researchers and teachers - talent management programme), programme manager (HUF 840 thousand)
2011	Operational Programme for Social Renewal - TÁMOP (4.2.2/B-10/1-2010-0023): scientific training workshop - textbook - textbook publication, programme manager (HUF 635 thousand)

International

2022	ENOTTA: European Network on Optimising Treatment with Therapeutic Antibodies in chronic inflammatory diseases. Cost Action OC-2021-1-25445 (https://www.cost.eu/actions/CA21147/), domestic research
2022-	BUR-EB research programme (https://www.bur-eb.com/), national research leader (100 000 EUR)
2018-2020	EuroQol Group (http://euroqol.org): EQ-5D-5L value set for Hungary, research leader (9584 EUR)
2018 -	European League Against Rheumatism (EULAR): 'Points to consider when designing, analysing and reporting studies with work participation as outcome', partner
2018 -	Horizon 2020 - Marie Skłodowska-Curie Innovative Training Network: Healthcare Performance Intelligence Professionals (https://www.healthpros-h2020.eu/) researcher and PhD subject leader
2010-2013	European Union Health Programme 2008-2013: Societal economic burden and health related quality of life with patients of rare diseases in Europe - BURQOL-RD program (http://www.burqol-rd.com/), Hungarian coordinator
2007-2010	European Community's Sixth Framework Programme: European Value of a Quality of Life - EuroVaQ programme, (http://research.ncl.ac.uk/eurovaq/), coordinator in Hungary

9 NATIONAL AND INTERNATIONAL NON-GRANT RESEARCH PROGRAMMES

National research programmes

- 2017 Quality of life survey of Crohn's disease patients in Hungary, research leader
- 2008 The Use of Biological Drugs in Rheumatoid Arthritis - Therapeutic Assessment, Principal Investigator
- 2008 Fracture risk and burden of disease assessment of postmenopausal osteoporosis patients in Hungary, principal investigator

International research programmes

- 2015-2017** 'Burden and costs of multiple sclerosis in Europe', expert, Hungarian research leader
- 2014** 'Equity in Clinical Eligibility Criteria for RA treatment' Working Group, expert, research leader in Hungary
- 2014** 'Equity in access to treatment of rheumatoid arthritis in Europe' Working Group, expert, Hungarian research leader

10 AWARDS, PRIZES AND RECOGNITION

- 2025 – Bulkley-Barry-Cooper Professorship, King's Health Partners, London Institute for Healthcare Engineering, London, UK
- 2024 – Honour of Merit
- 2024 – Fényes Elek Award
- 2023 - Researcher of the Year, 2022; Obuda University
- 2021 - Most cited researcher of the year, 2020; Obuda University
- 2017 - Poster Presentation Finalist Award, ISPOR 20th Annual European Congress Research. 4-8 November, 2017, Glasgow.
- 2016 - Research Excellence Award, Corvinus University of Budapest
- 2016 - Posters of Excellence Award United European Gastroenterology (UEG) Week Vienna 19 October 2016.
- 2016 - Poster Presentation Finalist Award ISPOR 19th Annual European Congress Research. 31 October, 2016, Vienna.
- 2016 - Poster Presentation Finalist Award International Society For Pharmacoeconomics and Outcomes Research (ISPOR) 19th Annual European Congress. Vienna, Austria: 29.10.2016 - 02.11.2016.
- 2014 - Lajos Markusovszky Award, Best Original Communication
- 2012 - Teacher of the Year Award, Health Economics Student Circle, BCE
- 2012 - Poster Finalist Award, International Society For Pharmacoeconomics and Outcomes Research (ISPOR) European Congress, Berlin, Germany.
- 2009 - Lajos Markusovszky Award, Best Original Communication
- 2007 - Best Lecture I., VIII Hungarian Osteological Congress, Balatonfüred, Hungary
- 1998 - Best Lecturer Award III, Conference of the Hungarian Association of Rheumatologists, Siófok, Hungary

11 ORGANISATION OF NATIONAL AND INTERNATIONAL CONGRESSES

A - Organiser

B - Member of the Programme Committee

Congress name	A/B	Located at	Date of
Development and evaluation of innovative medical devices	A	University of Óbuda	17 November 2023.
Synthesising evidence from artificial intelligence-based health technologies for health economic analysis	A	MKT online event https://www.youtube.com/watch?v=v4QGrTgUdyM	05 April 2023.
How to increase the visibility of your research?	B	University of Óbuda	8 February 2023.
60th Meeting of the Hungarian Economic Society, Section on Health and Health Economics:	B	Budapest, MKT Székháza (online recording) https://youtu.be/UrXsWeTzlb4	September 2022
59th Annual Meeting of the Hungarian Economic Society, Section on Health and Health Economics: "Challenges of the market entry of medical devices in the light of the new EU regulation"	A	Budapest, MKT Székháza (online recording) https://www.youtube.com/watch?v=gJM1V66z4xE	23 September 2021.
The value of digital health - Is health economics ready for digital transformation?	A	Budapest, Corvinus University of Budapest	25 February 2020.
Challenges and Strategies for the Medical Device Industry in the United States: Potential Implications for MedTech in the European Union	B	Budapest, Corvinus University of Budapest	26 March 2019.
Health status assessment for health economic evaluations: opportunities and challenges in Central and Eastern Europe	A	Budapest, Corvinus University of Budapest	27 November 2018.
Insights from the Slovenian healthcare system: current features, major challenges and efforts for reform and improved decision-making	A	Budapest, Corvinus University of Budapest	20 November 2018.
Unmet healthcare needs in Europe	A	Budapest, Corvinus University of Budapest	24 April 2018.
Shared decision making in the healthcare system	A	Budapest, Corvinus University of Budapest	5 March 2018
Pharmacoeconomics - Perspectives from the Pharmaceutical Industry	A	Budapest, Corvinus University of Budapest	13 February 2018.
Economic evaluation of informal care	A	Budapest, Corvinus University of Budapest	25 April 2017.
Health-related quality of life and cost issues in Austria, Bulgaria, Croatia, Czech Republic, Hungary, Poland, Romania, Slovak Republic and Slovenia: EQ-5D and unit costs for use in health economic analyses	B	Budapest, Park Hotel Flamenco	10-11 November 2016.

Measuring and valuing informal care for use in economic evaluations	A	Budapest, Corvinus University of Budapest	13 April 2016.
An inside look at brain disorders	A, B	Budapest, Corvinus University of Budapest	13 April 2015.
Cross Biorder health care: trends and challenges in the European Union	B	Budapest, Corvinus University of Budapest	24 February 2014.
Interdisciplinary Student Scientific Conference II (SE - BCE): Health and Economics	A	Budapest, Semmelweis University	2014
Interdisciplinary Student Scientific Conference I (SE - BCE): Health and Economics	A	Budapest, Semmelweis University	2013

Budapest, 21.05.2025.

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