The team

Prof. László Gulácsi
M.D. MSc. Ph.D. Ph.D., Ph.D., Ph.D., Habil., DSC.
Head of Department

Prof. Valentin Brodszky
M.D. Ph.D. habil. Deputy Head of Department

Prof. Márta Péntek
M.D., Ph.D., habil.

Petra Baji
Ph.D. Habil.
Associate professor

Fanni Rencz, M.D., M.Sc., Ph.D.
Associate professor & postdoctoral research fellow at the Hungarian Academy of Sciences (MTA)

Zsombor Zrubka, MD, MBA
Reseacher and lecturer
Publication lists

Prof. László Gulácsi, M.D. Ph.D. habil. DSC
https://vm.mtmt.hu/search/slist.php?lang=0&AuthorID=10003170

Prof. Valentin Brodszky M.D. Ph.D. habil.
https://vm.mtmt.hu/search/slist.php?lang=0&AuthorID=10020545

Prof. Márta Pénét M.D. Ph.D. habil.
https://m2.mtmt.hu/gui2/?type/authors&mode=browse&sel=10002852

Petra Baji Ph.D. habil-
https://vm.mtmt.hu/search/slist.php?lang=0&AuthorID=10033563

Fanni Rencz, MD, MSc, Ph.D.
https://vm.mtmt.hu/search/slist.php?AuthorID=10048079

Zsombor Zrubka, MD, MBA
https://vm.mtmt.hu/search/slist.php?lang=0&top10=0&AuthorID=10059860
Ph.D. students

**Zsuzsanna Beretzky, MSc**
(supervisors at Corvinus: Márta Péntek, László Gulácsi)

**Omar Rashdan, PharmD**
(supervisors at Corvinus: Valentin Brodszky, László Gulácsi)

**Óscar Brito Fernandes, Msc**
(supervisors at University of Amsterdam: Niek S. Klazinga, Dionne Kringos, Petra Baji, Márta Péntek, László Gulácsi)

**Armin Lucevic, Msc**
(supervisors at University of Amsterdam: Niek S. Klazinga, Dionne Kringos, Petra Baji, László Gulácsi)

**Péter Balázs, MSc**
(supervisor at Corvinus: Fanni Rencz)

**Mabore Thema**
(supervisor: Valentin Brodszky)

**Petra Pogány**
(supervisor: Zsombor Zrubka)

**Hosein Motahari-Nezhad**
(supervisor: Zsombor Zrubka)
Honorary University Professors

Prof. Dr. Niek Klazinga – Professor of Social Medicine, University of Amsterdam, The Netherlands, (ARWU:101-150, Med:32, Economics/Business:76-100) Senior policy advisor and lead of the work on Quality of Care, OECD, Doctor Honoris Causa

Prof. Dr. Imre Boncz – University of Pécs, Head of the Health Insurance Institute, Hungary

Prof. Werner B. F. Brouwer – Professor of Health Economics, Chairman, Institute of Health Policy & Management, Erasmus University Rotterdam (ARWU:79, Med:76-100, Economics/Business: 29)

Prof. Dr. August Oesterle – Associate Professor of the Institute for Social Policy at Vienna University of Economics and Business, Austria
Honorary University Professors

Ágnes Mészáros Pharm.D., Ph.D., habil – Associate Professor at the University Pharmacy Department of Pharmacy Administration at the Faculty of Pharmacy Semmelweis University Budapest

Dr. Milena Pavlova Ph.D. – Associate Professor, Department of Health Services Research – Research School CAPHRI, Maastricht University. (ARWU: 201-300, Med: 76-100, Economics/Business: 101-150)

Prof. Dominik Golicki, MD, MA, PhD, Habil. Department of Experimental & Clinical Pharmacology, Medical University of Warsaw
Publications in English 2010 – 2019, Total IF

2010  11 publications in peer reviewed journals    IF: 25.946
2011  5  publications in peer reviewed journals    IF:  8.911
2012  8  publications in peer reviewed journals    IF: 13.800
2013  6  publications in peer reviewed journals    IF:  9.700
2014  23 publications in peer reviewed journals    IF: 49.675
2015  15 publications in peer reviewed journals    IF: 29.909
2016  21 publications in peer reviewed journals    IF: 76.358
2017  24 publications in peer reviewed journals    IF: 70,270
2018  20 publications in peer reviewed journals    IF: 29,206

2019. 11th December: 28 publications in peer reviewed journals TOTAL IF: 78,611

D1:  5
Q1: 17
Q2:  2
Q3:  1
Q4:  1

Other:  4


Kamilla Koszorú, Júlia Borza, László Gulácsi, Miklós Sárty, Quality of life of patients suffering from atopic dermatitis, Cutis (accepted for publication) IF (2017): 1,167 Scimago Q3
Publications in English 2/2019
IF Σ: 78.611

The European Journal of Health Economics
Volume 20, Issue 1 Supplement, June 2019
Patient-reported outcomes: opportunities and challenges in Central Europe
Issue Editor: Márta Péntek
ISSN: 1618-7598 (Print) 1618-7601 (Online)
In this issue (15 articles)
https://link.springer.com/journal/10198/20/1/suppl


Publications in English 3/2019

**IF Σ: 78.611**


Publications in English 4/2019

IF Σ: 78.611


Publications in English 5/2019

IF Σ: 78.611


**Péntek Márta, Gulácsi László,** A biológiai terápia egészséggazdasági vonatkozásai, Magyar Tudomány, 09/2019. [https://mersz.hu/hivatkozas/matud_f28637#matud_f28637](https://mersz.hu/hivatkozas/matud_f28637#matud_f28637)

**Gulácsi László,** Az egészségügy finanszírozhatóságának fenntarthatósága, Magyar Tudomány 180(2019)10, 1500–1509, DOI: 10.1556/2065.180.2019.10.10
Conference presentations in English 2019


Fanni Rencz, A comparison of patient and general population utility values for perianal fistulising Crohn’s disease. 2019 International Health Economics Association (iHEA) World Congress on Health Economics, July 13-17, 2019 Basel, Switzerland

Netshiombo, M; Brito Fernandes, Ó; Klazinga, N; Madiba, TK; Gulácsi, L, Patient experience with public primary health care: The case of Sibasa Clinic, Thulamela. PHASA Conference 2019 to be held at College of Cape Town, Cape Town from 16th - 18th September 2019.


László Gulácsi, Introduction; Overview of health economic and burden of cancer care and especially cost of medications, Improving Access to Quality Cancer Therapeutics, Module 1, 14:00-14:20 November 15, 2019 Oncology Pharmacoeconomic Forum 2019, Hyatt Regency Hotel, Riyadh, KSA

László Gulácsi, Role of pharmaceutical companies in lowering cost, Various approaches pharma could offer to reduce cost and improve access, Improving Access to Quality Cancer Therapeutics, Module 2 16:00-16:15 November 15, 2019, Oncology Pharmacoeconomic Forum 2019, Hyatt Regency Hotel, Riyadh, KSA
Conference posters / abstracts in English

2019 1/2


Péntek M, Farkas M, Zrubka Z, Dobos Á, Gulácsi L, Brodszky V, Rencz F, Poór AK, Baji P, Population norms with the ICECAP-A and ICECAP-O capability measures in Hungary, Value in Health (IF: 5,037), 4PNS393


Zrubka Z, Hermann Z, Brodszky V, Gulácsi L, Péntek M, Quantifying the acceptability of health problems in different ages using the EQ-5D-3L instrument, Value in Health (IF: 5,037) PNS331 7.

Baji P, Farkas M, Golicki D, Prevolnik Rupel V, Hoefman R, Brouwer W, van Exel J, Zrubka Z, Gulácsi L, Péntek M, Development of population tariffs for the CARER-QOL-7D instrument for Hungary, Poland and Slovenia: a Discrete Choice Experiment study to measure the Burden of informal care giving Value in Health (IF: 5.037) PNS399

Brito Fernandes Ó, Péntek M, Gulácsi L, Kringos D, Klazinga N, Murante AM, Zrubka Z, Lucevic A, Baji P. Patients' perception of the quality of consultations modelled by patient reported experience and health-related quality of life measures Value in Health (IF: 5.037) PNS397

Dominik Golicki, Petra Baji, Valentina Prevolnik-Rupel, Werner B.F. Brouwer, Job van Exel, Zsombor Zrubka, László Gulácsi, Márta Péntek, Validity of the Polish version of the CarerQol-7D questionnaire among informal caregivers in the Polish general population. Value in Health (IF: 5.037) PMU131

Márta Péntek, Valentina Prevolnik-Rupel, Dominik Golicki, Zsombor Zrubka, László Gulácsi, Valentin Brodszky, Petra Baji, Suffering alone: Unmet needs for informal care in Hungary, Poland and Slovenia. Value in Health (IF: 5.037) PNS379
Conferences Hungarian 2019

Gulácsi László, A terápia eredménye és értéke egészségügyi közgazdaságtani szempontból, MGT Colon Szekció, Abbvie Szimpózium, Debrecen, Divinus Hotel, 2019. február 23.


Prof. Gulácsi László, Költséghatékonysági vizsgálatok IBD-ben különös tekintettel a biológiai kezelésekre, Magyar Gasztroenterológiai Társaság 61. Nagygyűlés Siófok, Hotel Azúr, 2019. június 1–4, 2019. június 02. 14:00-14:20, Toscana terem


Dr. Zrubka Zsombor, PhD, Az “eHEALTH Literacy” skála magyar verziójának pszichometriai tulajdonsága, Az MTA IX. Osztály Statisztikai és Jövőkutatási Tudományos Bizottságának a Magyar Tudomány Ünnepére rendezett tudományos ülése, 2019.11.21., MTA Humán Tudományok Kutatóháza, Budapest, Tóth Kálmán u. 4.


Publications, conferences, public relations recent past

2018 – Publications, conferences and public relations

2017 – Publications, conferences and public relations
MSc in Health Policy, Planning and Financing with Specialization in Health Economics

Why is Health Policy and Health Economics a hot topic today?
Because financing healthcare is a global challenge
Financing and improving the quality, safety, accessibility and productivity of healthcare systems is a global challenge today. Populations are ageing, we all wish to live long and maintain a good quality of life. But what is the value in health, and how to measure quality of life? Citizens’ expectations and demand for health services are ever increasing, while healthcare costs are rocketing. The pharmaceutical sector, biotechnology, medical device and digital health industries are booming; the innovation in the health and beauty industry is dynamically changing putting a large pressure on healthcare systems.

Because it combines the unique data analytic skills and professional knowledge from the fields of economics and health sciences
Healthcare funding bodies demand more and more well-trained professionals to work at various levels of the decision-making processes. Competencies and requirements for professionals are also changing; improving the awareness and application of the cutting-edge methodologies, outcome measures and forms of data collection is essential. On the other side of the health industry, in the field of pharma industry, biotechnology, intelligent medical devices, big data and artificial intelligence have become highly profitable industries worldwide. Health care system and health industry share a common need for well trained professionals with specific knowledge and expertise in health economics and health policy.
What the Health Policy, Planning and Financing MSc programme offers?

**Strong theoretical basis**

Our programme equips students with a strong theoretical knowledge in health policies, health economics and various methodologies used to assist health policy and financing decisions, and provides a comprehensive understanding of the complexities of healthcare systems, pharmaceutical industry with particular emphasis on biotechnology, as well as health and beauty industry. The programme prepares students to adapt the rapidly changing knowledge requirements and technology trends in these sectors. Furthermore, through a rich selection of elective courses offered by the programme, students are able to tailor their studies to fit their interests and professional needs. Students applying for the ‘health economics specialisation’ will develop an advanced knowledge of health economic analysis, pharmacoeconomics, modelling and health technology assessment. The specialization also supports the acquisition of basic research and quantitative skills. Our courses use a mix of interactive lectures, in-class discussions, problem-solving activities, student presentations and group-works. Individual mentoring is available for all students from the beginning of the first year of the programme. In the last semester, students complete a 12-week internship in their chosen carrier field. The internship offers an invaluable first-hand work experience to put theory into practice and to further enhance students’ employability.
MSc in Health Policy, Planning and Financing with Specialization in Health Economics (3)

Opportunity for real world research or work experience

Students will benefit from the daily interactions with the researchers of the Department who are leading various international and local research projects. Our research portfolio covers a wide range of topics including health policy and financing, outcomes research, quality of life research, costing, cost-effectiveness, budget impact analysis, economic modelling, innovation- and bio-economics, public health and health technology assessment. Students will participate in our ongoing research projects related to their master’s thesis. The skills gained through studies will help our students to succeed in various work environments, such as healthcare providers, health administration, government, funders, consultancy agencies, pharmaceutical and medical device industry, research organisations and academia in any country of the world. Students aiming to pursue postgraduate studies may join to our ‘immersion community’ PhD programme (theory and practice entwined).

October, 2019

For more information: Prof. Valentin Brodszky (valentin.brodszky@uni-corvinus.hu) & visit our website. Admission requirements and courses. http://hecon.uni-corvinus.hu/?page_id=132&lang=en
Courses

BA (Corvinus University)
Introduction to Health Sciences (Hungarian)
Introduction to Health Economics (Hungarian)
Economics of the Health and Beauty Industries (Hungarian)

MSc (Corvinus University)
Health Policy and Finance (Hungarian and English)
Health Economics (Hungarian and English)
Health Technology Assessment (Hungarian and English)
Questionnaire Design and Survey Methods (Hungarian and English)
Quality Improvement and Management in Health Care (Hungarian and English)
Economics of the Health and Beauty Industries (Hungarian and English)
Value based purchasing on the health insurance market (Hungarian and English)
Health Economic Modelling (Hungarian and English)
Economics of Health at Work (Hungarian and English)
Empirical Research Methods (Hungarian and English)
Economics of Healthcare Innovation (English)

Ph.D. (Corvinus University)
Health Policy (Hungarian)
Health Economics (Hungarian, English)
Quality Improvement and Management in Health Care and the Social Sector (Hungarian)
Evidence Based Health Care and Health Technology Assessment (Hungarian)

Ph.D. (Semmelweis University)
Health Economics (Hungarian)
Evidence based medicine and health technology assessment (Hungarian)
Specialized Master Program in Health Economics and Health Insurance

**Aims:** The primary objective of the program is to connect those stakeholders of the health insurance markets with different expertise and backgrounds, who are interested in the provision or financing of quality care and the value-based purchasing of health care services on both national and international level (e.g. employees of health care providers, public and private health care institutions, insurance companies, pharmaceutical companies, the employees of the National Health Insurance Fund and National Healthcare Services Center. During the program, the attendants have the possibility to develop professional networks, discuss ideas with the invited lecturers from in-and outside the university. The program provides the attendants with up-to date knowledge, better understand and overview of the current challenges of the health care systems and health insurance market.

**Courses:** Health Policy and Financing, Health and Pharmaco-economics; Value-based purchasing and healthcare marketing, Private and Social Health Insurance, Evidence-based health care, and health technology assessment, Measuring Quality of Life and Health Gains, the Value of Health, Quality Improvement and Excellence Models in Health Care; Decision supporting modeling and statistics; Public health, prevention, screening and the Economics of Health at Work; economics of the Health Industry, Insurance Law, contracting; Project planning, investments and corporate finance.

Language: Hungarian  
Requirements: Msc or Bsc degree  
Duration: 2 semesters  
Fee: 350 000 HUF/person/semester  
More information:  
http://hecon.uni-corvinus.hu/?page_id=107&lang=hu  
http://kozgazdasagtudomany.uni-corvinus.hu/index.php?id=53108
Ongoing International Research Projects

European Commission H-2020 projects

Healthcare Performance Intelligence Professionals (HealthPros)

Programme in Costing, resource use measurement and outcome valuation for Use in multi-sectoral National and International health economic evaluations (PECUNIA)
Running from January 2018 – 2022. Project leader in Hungary: Prof. Valentin Brodszky. Budget (Hungary) 89 270 euro
https://www.pecunia-project.eu/about/consortium

Completed research projects funded by the European Commission
http://hecon.uni-corvinus.hu/wp-content/uploads/2015/05/European-Commission-funded-projects-completed-.pdf
Ongoing Hungarian Research Projects (1)


Duration: 2018-2021
Subproject leaders: Prof. Márta Péntek (1st year), Prof. Valentin Brodszky (2nd year)

Objectives: To study the current and future needs in the care of elderly people and patients with chronic diseases in Hungary, to develop a population health database and new methods for the multidisciplinary evaluations of innovative technologies.

Publications in the first year: 16 papers in Scimago Q1 journals

More information: http://hecon.uni-corvinus.hu/?page_id=1218&lang=en
National Research, Development and Innovation Fund of Hungary (Nemzeti Kutatási, Fejlesztési és Innovációs Hivatal)

Thematic Excellence Program, Societal and economic benefits of innovation: digitalisation and health industry (Az innovációk társadalmi és gazdasági hasznosulása: digitalizáció és egészségipar) subproject

Project coordinator dr. Zrubka Zsombor

Subprojects:
- Societal and economic benefit of innovation in healthcare and health industry (Digitalizáció gazdasági és társadalmi haszna az egészségügyben és egészségiparban)

- Economic and societal benefits of biotechnology (A biotechnológia gazdasági és társadalmi haszna és mérési módszerei)
Participation in EU Funded Research Projects 2017

Healthcare Performance Intelligence Professionals (HealthPros) - Marie Skłodowska-Curie Innovative Training Networks (MSCA-ITN-ETN), Call: H2020-MSCA-ITN-2017, Project ID 765141


Before 2017
- ENQual project, Exchange of knowledge on research methods to assess Quality Management in health care organisations in European countries, in relation to the National Quality Policy in each country), Framework Programme, 2002-2004
- EUNetHTA Project -European Network for Health Technology Assessment, EC / DG Sanco, 2006-2009
- European Value of a Quality Adjusted Life Year, EuroVaQ http://research.ncl.ac.uk/eurovaq/, 2007 – 2010
- Health at Work H&W http://www.abdn.ac.uk/haw/, 2009 – 2013
Research topics of the Department

Main research focuses

Immun-mediated chronic inflammatory diseases ………………..

Cost-of-illness and health-related quality of life studies:
- Rheumatology: rheumatoid arthritis (RA), psoriatic arthritis (PsA), osteoporosis, systemic sclerosis (SSc)
- Brain and mental disorders: dementia, multiple sclerosis (MS), epilepsy, Parkinson’s disease, attention deficit and hyperactivity disorder (ADHD), schizophrenia
- Dermatology: psoriasis, pemphigus, alopecia, hidradenitis suppurativa (HS), atopic dermatitis
- Gastroenterology: inflammatory bowel diseases (Crohn’s disease and ulcerative colitis)
- Oncology: bladder cancer, prostate cancer
- Urology: urinary incontinence, benign prostate hyperplasia
- Pain: migraine, dysmenorrhea
- Rare diseases

Pharmacoeconomics
Quality improvement, infection control

Health Technology Assessment - in various fields (40 full HTAs completed and 25 published) http://hecon.uni-corvinus.hu/corvinus.php?lng=en&id=4&subpage=1

Patient payment policy
Ph.D. topics, research topics

Health Technology Assessment
Medical Decision Making
Pharmacoconomics: biological, biosimilar and chemical drugs
Outcome evaluation & quality of life
Disease burden & cost of illness in acute and chronic diseases
Value based purchasing, quality improvement and pay for performance
Health service research, health policy and financing
Economics and innovation of health industry
Digital Health Technology

Supervisor

Prof. László Gulácsi M.D., Ph.D., DSC.
Doctoral School in Business and Management, Corvinus University of Budapest
Doctoral School of Clinical Medicine, Semmelweis University
University of Amsterdam, Academic Medical Center, Amsterdam
Ph.D. topics, research topics

Decision support modeling, cost-effectiveness modeling
Meta-analysis
Health related cost-analysis

PhD Supervisor

Prof. Valentin Brodszky M.D., Ph.D. habil
Doctoral School in Business and Management, Corvinus University of Budapest

Doctoral School of Clinical Medicine, Semmelweis University
Ph.D. topics, research topics

Health-related quality of life, disease burden

Patient reported outcomes and experiences, preferences, subjective health expectations

Informal care

Economics of rheumatic diseases

Prof. Márta Péntek M.D., Ph.D.

Doctoral School in Business and Management, Corvinus University of Budapest

Doctoral School of Clinical Medicine, Semmelweis University

Supervisor

University of Amsterdam, Academic Medical Center, Amsterdam
PhD topics, research topics

Health care financing, health insurance, priority setting in the health care system

Out-of-pocket patient payments, informal payments

The effect of risk perception on health related decisions

Stated preference methods, discrete choice experiment

Petra Baji Ph.D.

Doctoral School in Business and Management, Corvinus University of Budapest

Doctoral School of Clinical Medicine, Semmelweis University
Ph.D. topics, research topics

Utility assessment, time trade-off, EQ-5D
Patient-reported outcomes in dermatology
Medical decision-making

Supervisor:
Fanni Rencz, MD, MSc, PhD

Doctoral School in Business and and Management, Corvinus University of Budapest

Doctoral School of Clinical Medicine, Semmelweis University