

## Department of Health Economics

Hungarian Office for Health Technology Assessment –  
HunHTA

<http://hecon.uni-corvinus.hu>

**Corvinus University of Budapest**

06th November 2018

# The team

## Prof. László Gulácsi

M.D. MSc. Ph.D. Ph.D., Ph.D., Ph.D., Habil., DSC.

Vice-rector for Research &  
Head of Department



## Prof. Valentin Brodszky

M.D. Ph.D. habil.

## Prof. Márta Péntek

M.D., Ph.D., habil.



## Petra Baji Ph.D. Habil.

Associate professor

## Fanni Rencz, M.D., M.Sc., Ph.D.

Assistant professor & postdoctoral research  
fellow at the Hungarian Academy of Sciences  
(MTA)



## Miklós Weszl, PharmD, PhD, MBA

Associate professor

# Publication lists

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Prof. László Gulácsi, M.D. Ph.D. habil. DSC

<https://vm.mtmt.hu//search/slist.php?lang=0&AuthorID=10003170>

Valentin Brodszky M.D. Ph.D. habil.

<https://vm.mtmt.hu//search/slist.php?lang=0&AuthorID=10020545>

Prof. Márta Péntek M.D. Ph.D. habil.

<https://vm.mtmt.hu//search/slist.php?lang=0&AuthorID=10002852>

Petra Baji Ph.D.

<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>

Miklós Weszl, Pharm.D., Ph.D., MBA

<https://vm.mtmt.hu//search/slist.php?lang=0&top10=0&AuthorID=10054002>

Zsombor Zrubka, MD, MBA

<https://vm.mtmt.hu//search/slist.php?lang=0&top10=0&AuthorID=10059860>

# Ph.D. students

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Zsombor Zrubka, MD, MBA



Zsuzsanna Beretzky, MSc



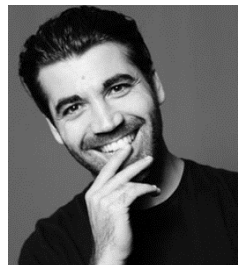
Omar Rashdan, PharmD



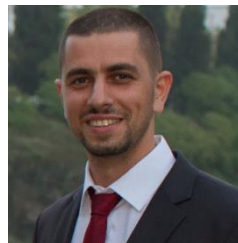
# Ph.D. students

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Óscar Brito Fernandes, MSc



Armin Lucevic, MSc



# Honorary University Professors

**Prof. Dr. Niek Klazinga** – Professor of Social Medicine, University of Amsterdam, The Netherlands, 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. Dr. August Oesterle** – Associate Professor of the Institute for Social Policy at Vienna University of Economics and Business, Austria



**Prof. Werner B. F. Brouwer** – Professor of Health Economics, Chairman (Vice-Dean) Institute of Health Policy & Management, Erasmus University Rotterdam



**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.



# Courses

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## **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

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**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 Administration). 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.

## **Details:**

Language: Hungarian

Requirements: Msc or Bsc diploma

Duration: 2 semesters

Fee: 350 000 HUF/person/semester

More information:

[http://hecon.uni-corvinus.hu/?page\\_id=107&lang=hu](http://hecon.uni-corvinus.hu/?page_id=107&lang=hu)

<http://kozgazdasagtudomany.uni-corvinus.hu/index.php?id=53108>



# Publications in English 1/2018

Alexandru M. Rotar, Alin Preda, Olga Löblová, Vanesa Benkovic, Szymon Zawodnik, **Laszlo Gulacsi**, Maciej Niewada, Imre Boncz, Guenka Petrova, Maria Dimitrova, Niek Klazinga, Rationalizing the introduction and use of pharmaceutical products: the role of managed entry agreements in Central and Eastern European countries, 2018, Health Policy DOI:

<http://dx.doi.org/10.1016/j.healthpol.2018.01.006> ([http://www.healthpolicyjrn.com/article/S0168-8510\(18\)30008-3/pdf?cc=y=](http://www.healthpolicyjrn.com/article/S0168-8510(18)30008-3/pdf?cc=y=))

**IF (2017): 2,293 SCImago Journal Rank (SJR): 1.323, Scimago**

Petra Baji, Anikó Bíró, Adaptation or recovery after health shocks? Evidence using subjective and objective health measures, 2018 (accepted) Health Economics, **IF (2017): 2,319 Scimago**

Batóg P, **Rencz F, Péntek M, Gulácsi L**, Filipiak KJ, Prevolnik Rupel V, Simon J, **Brodzsky V, Baji P**, Závada J, Petrova G, Rotar A, Golicki D. EQ-5D studies in cardiovascular diseases in eight Central and Eastern European countries: a systematic review of the literature. *Kardiol Pol.* 2018 Jan 19. doi: 10.5603/KP.a2018.0033. [Epub ahead of print] PubMed PMID: 29350378. <https://www.ncbi.nlm.nih.gov/pubmed/29350378>, **IF (2017): 1,227 Scimago**

Susanne Bierbaum, Susan Mulansky, Eszter Bognárd, Imre Kientzl, Péter Nagy, Nihal Engin Vrana, **Miklós Weszl**, Elke Boschke, Dieter Scharnweber, Cornelia Wolf-Brandstetter, Osteogenic nanostructured titanium surfaces with antibacterial properties under conditions that mimic the dynamic situation in the oral cavity, *Biomaterials Science*, Royal Society of Chemistry, 2018, DOI: 10.1039/C8BM00177D, **IF(2016): 4,21, Scimago**

Paulina Batóg, **Fanni Rencz, Márta Péntek, László Gulácsi**, Krzysztof J. Filipiak, Valentina Prevolnik Rupel, Judit Simon, **Valentin Brodzsky, Petra Baji**, Jakub Závada, Guenka Petrova, Alexandru Rotar, Dominik Golicki, EQ-5D studies in cardiovascular diseases in eight Central and Eastern European countries: a systematic review of the literature, *Kardiologia Polska* 2018; 76, 5: 860–870; DOI: 10.5603/KP.a2018.0033 **IF(2017): 1,227 Scimago**

B. Tamási, **V. Brodzsky, M. Péntek, L. Gulácsi**, K. Hajdu, M. Sárdy, A. Szegedi, Z. Bata-Csörgő, Á. Kinyó, **F. Rencz**, Validity of the EQ-5D in pemphigus vulgaris and foliaceus patients, *British Journal of Dermatology*, 2018, (accepted) **IF (2017): 6,129 Scimago D1**

**Fanni Rencz, László Gulácsi, Márta Péntek**, Adrienn K. Poór, Miklós Sárdy, Péter Holló, Béla Tamási, Andrea Szegedi, Éva Remenyik, **Valentin Brodzsky**, Proposal of a new scoring scheme for the DLQI in psoriasis: improving access to systemic therapy, *British Journal of Dermatology*, 2018, (accepted) **IF(2017) :6,129 Scimago D1**

# Publications in English 2/2018 IFΣ: 25,469

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**Fanni Rencz**, Peter L. Lakatos, **László Gulácsi**, **Valentin Brodszky**, Zsuzsanna Kürti, Szilvia Lovas, János Banai, László Herszényi, Tamás Cserni, Tamás Molnár, **Márta Péntek**, Károly Palatka, Validity of the EQ-5D-5L and EQ-5D-3L in patients with Crohn's disease, Quality of Life Research (accepted) (IF 2,392, Scimago Q1).

G. Bali, S. Kárpáti, M. Sárdy, **V. Brodszky**, B. Hidvégi & **F. Rencz**, Association between quality of life and clinical characteristics in patients with morphea,, Quality of Life Research. Volume 27 Number 10, (IF 2,392, Scimago Q1).

# Publications in Hungarian 1/2018 IFΣ: 0,349

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Poór Adrienn Katalin dr, Sárdy Miklós dr., Cserni Tamás, Brodszky Valentin dr., Holló Péter dr., Gulácsi László dr., Remenyik Éva dr., Szegedi Andrea dr., Rencz Fanni dr., Péntek Márta dr., Psoriasisban szenvedő betegek életminőségének vizsgálata Magyarországon 2018, 159. évfolyam, 21. szám , 837–846. **IF(2016): 3,49**

# Conferences 2018

Gulácsi László, Az egészségügy finanszírozásának fenntarthatósága; Egészségügy a 21. század társadalmában. II. Az állami ellátórendszer szereplőinek felelőssége, MTA Székház, Nagyterem 2018. április 18. 14.00 – 17.00

Gulácsi László, Egynapos sebészeti ellátások: néhány fontos szempont, 2nd European Congress of the International Association For Ambulatory Surgery (IAAS), Multidiszciplináris Egynapos Sebészeti Társaság XIV. Kongresszusa Budapest, 2018. május 11. Danubius Hotel Hélia, 11.30-13.30

László Gulácsi (key issues & moderator), V4 Rectors Conferences Forum and HRC 30 Jubilee Symposium, Participation of V4 Countries in the FP9 Program – Panel discussion I, May 17th 2018, 10:30- 11:00

Petra Baji, Typologies of long-term care financing and provision in Europe (A. Neubert, P.Baji, M.Tambor, W.Groot, L.Gulacsi, M.Pavlova), EUHEA Conference 2018, Maastricht, The Netherlands, Diversity and dynamics of long-term care financing and provision: a system-based comparative approach, 0.8 Rome, 13 July, 10:30 am - 12:00 pm, Chair: Milena Pavlova / Wim Groot [https://www.euhea.eu/session\\_details\\_conference\\_2018.html#id=291](https://www.euhea.eu/session_details_conference_2018.html#id=291)

A.Neubert, **P. Baji**, M.Tambor, W.Groot, **L.Gulacsi**, M.Pavlova, Typologies of long-term care financing and provision in Europe, European Health Economics Association (EUHEA), Maastricht, 13 July, 2018.

László Gulácsi, Biosimilars, health economics, health policy and financing considerations, The Saudi FDA second annual conference under Safety and Risk Assessment theme Biosimilars: Immunogenicity and Efficacy, September 25<sup>th</sup>, Riyadh International Convention & Exhibition Center, Riyadh, Saudi Arabia, 2018 September 24th - 27th

Gulácsi László, Idősek preventív, gyógyító és gondozó ellátásának Kkihívásai az elkövetkező 10 évben, kerekasztal beszélgetés 2018. Október 2., Magyar Gerontológiai és Geriátriai Társaság 40. Kongresszusa, AESCULAP AKADÉMIA, Budapest

Márta Péntek, László Gulácsi, Value in health – what can health economics add to rheumatology? A MAGYAR REUMATOLÓGUSOK EGYESÜLETÉNEK ÉVES VÁNDORGYULÉSE MRE 90. JUBILEUMI ÉVE, 4 October, 2018, Hotel Hélia Budapest

# Public relations 2018

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Gulácsi László professzor az Egyetem új tudományos rektorhelyettese

<http://www.lib.uni-corvinus.hu/content/corvinuskioszk/gulacsi-laszlo-rektorhelyettes>

Valentin Brodszky – PECUNIA Hungary

<http://www.lib.uni-corvinus.hu/content/corvinuskioszk>

Petra Baji, Corvinus University of Budapest

Typologies of long-term care financing and provision in Europe (A. Neubert, P.Baji, M.Tambor, W.Groot, L.Gulacsi, M.Pavlova)

Gulácsi László, Illúzió, hogy az egészségügyben szelektál a verseny

<http://novekedes.hu/illuzio-hogy-az-egeszsegugyben-szelektal-a-verseny/>

László Gulácsi, Moderator, International Alumni Workshop – Innovation in healthcare, Stipendium Hungaricum, Budapest, Hungary 3-5 October, Novotel Budapest Danube Hotel

# Publications in English 2010 - 2017

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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: 69,572

**2017.12.28.**

**IF: 69,572**

**Publications in Hungarian**

**IF: 0.698**

**Total IF 2017:**

**IF: 70.270**

# Publications in English 1/2017

**Brodszky V, Bíró A, Szekanez Z, Soós B, Baji P, Rencz F, Tóthfalusi L, Gulácsi L, Péntek M**, Determinants of drug survival of biological therapies in rheumatoid arthritis: evidence from a Hungarian rheumatology center over 8 years or retrospective data, *Clinico Economics and Outcomes Research*, 2017;9 139–147. [https://www.dovepress.com/articles.php?article\\_id=31340](https://www.dovepress.com/articles.php?article_id=31340)  
Link to the paper on PubMed:<http://www.ncbi.nlm.nih.gov/pubmed/28243133> **IF: - ; Scimago: Q1.**

**Petra Baji, László Gulácsi, Csaba Horváth, Valentin Brodszky, Fanni Rencz, Márta Péntek**, Comparing self-perceived and estimated fracture risk by FRAX® of women with osteoporosis, *Arch Osteoporos.* 2017,12(1):4. DOI 10.1007/s11657-016-0300-5 **IF (2016): 1.960; Scimago: Q2.**

**Laszlo Gulacsi, Marta Pentek, Fanni Rencz, Valentin Brodszky, Petra Baji, Zsuzsanna Vegh, Krisztina B Gecse, Silvio Danese, Laurent Peyrin-Biroulet, Peter L. Lakatos**, Biosimilars for the management of inflammatory bowel diseases: economic considerations, 2017, *Current Medicinal Chemistry* DOI : 10.1007/s12325-017-0522-y **IF (2016): 3.249; Scimago: Q2.**  
<http://www.eurekaselect.com/151375/article>

**László Gulácsi, Valentin Brodszky, Petra Baji, Fanni Rencz, Márta Péntek**, The Rituximab Biosimilar CT-P10 in Rheumatology and Cancer: A Budget Impact Analysis in 28 European Countries, *Adv Ther (Advances in Therapy)*, 2017, 34(5), 1128-1144. DOI 10.1007/s12325-017-0522-y, **IF (2016): 2.709; Scimago: Q1.** [http://link.springer.com/article/10.1007/s12325-017-0522-y?wt\\_mc=Internal.Event.1.SEM.ArticleAuthorOnlineFirst](http://link.springer.com/article/10.1007/s12325-017-0522-y?wt_mc=Internal.Event.1.SEM.ArticleAuthorOnlineFirst)

**Petra Baji, László Gulácsi, Valentin Brodszky, Végh Zsuzsanna, Silvio Danese, Peter M. Irving, Laurent Peyrin Biroulet, Stefan Schreiber, Fanni Rencz**, Cost-effectiveness of biological treatment sequences for fistulising Crohn's disease across Europe, *United European Gastroenterology Journal*, 2017. DOI: 10.1177/2050640617708952 **IF (2016): 3.673; Scimago: Q3.**

**Fanni Rencz, László Gulácsi, Márta Péntek, Krisztina B. Gecse, Axel Dignass, Jonas Halfvarson, Fernando Gomollón, Petra Baji, Laurent Peyrin-Biroulet, Péter L. Lakatos, Valentin Brodszky**, Cost-utility of biological treatment sequences for luminal Crohn's disease in Europe, *Expert Review of Pharmacoeconomics & Outcomes Research*, DOI:10.1080/14737167.2017.1322509 **IF: 1.631; Scimago: Q2.**



# Publications in English 2/2017

**Márta Péntek**, Gisela Kobelt, Jenny Berg, Daniela Capsa, Johan Dalén, Zita Bíró, Klotild Mátyás, Sámuel Komoly and The European Multiple Sclerosis Platform, New insights into the burden and costs of multiple sclerosis in Europe: Results for Hungary, *Multiple Sclerosis Journal* 2017, Vol. 23(2S) 91–103, DOI: 10.1177/1352458517708142, **IF (2016): 4.840; Scimago Q1.**

Cecília Varjú, **Márta Péntek**, Veronika Lóránd, Gabriella Nagy, Tünde Minier, László Czirják. Musculoskeletal involvement in systemic sclerosis: an unexplored aspect of the disease. *JOURNAL OF SCLERODERMA AND RELATED DISORDERS* 2:(1) pp. 19-32. (2017) **IF: - ; Scimago: -**

**Zsombor Zrubka**, Economic aspects of biosimilar competition in Hungary, *The treatment of rheumatic disorders, Society and Economy* 39 (2017) 2, pp. 271–290, DOI: 10.1556/204.2017.39.2.6 **IF: - ; Scimago: Q3.**

**Baji P**, Rubashkin N, Szevik I, Stoll K, Vedam S: Informal cash payments for birth in Hungary: Are women paying to secure a known provider, respect, or quality of care?. *Social Science & Medicine* 2017 Sep;189:86-95. **IF (2016): 2.797; Scimago: Q1.**

**Fanni Rencz, Márta Péntek**, Peep FM Stalmeier, **Valentin Brodszky**, Gábor Ruzsa, Edina Gradvohl, **Petra Baji, László Gulácsi**, Bleeding out the QALYs: evaluating the burden of primary dysmenorrhea by time trade-off and willingness-to-pay methods, *Pain*, doi: 10.1097/j.pain.0000000000001028; <https://www.ncbi.nlm.nih.gov/pubmed/28767507>, **IF (2016): 5.445; Scimago: Q1 (D1).**

**Valentin Brodszky, Péter Varga, Judit Gimesi-Országh, Petra Fadgyas-Freyler, Imre Boncz, Péter Nyirády, Péter Riesz, Petra Baji, Márta Péntek, Fanni Rencz, László Gulácsi**, Long-term costs and survival in prostate cancer; a population based study, *International Urology and Nephrology (UROL)*, 2017 DOI 10.1007/s11255-017-1669-9, **IF (2016): 1.292; Scimago: Q2.**

**Márta Péntek, Péter L Lakatos, Talitha Oorsprong, László Gulácsi, Milena Pavlova, Wim Groot, Fanni Rencz, Valentin Brodszky, Petra Baji** and Crohn's Disease Research Group, Access to biologicals in Crohn's disease in ten European countries, *World Journal of Gastroenterology*. 2017, 23 volume 34 issue, 6294-6305. open access **IF (2016): 3.365; Scimago Q1.**

Fábián M, **Rencz F**, Krenács T, **Brodszky V**, Hársing J, Németh K, Sárdy M, Balogh P, Kárpáti S. (2017) Expression of G-protein coupled oestrogen receptor, GPER in melanoma and in pregnancy-associated melanoma. *Journal of the European Academy of Dermatology and Venereology* 2017 May 3. doi: 10.1111/jdv.14304. [Epub ahead of print] **IF(2016) 3.528; Scimago Q1 (D1).**

# Publications in English 3/2017

Zsombor Zrubka, **Fanni Rencz**, Jakub Závada, Dominik Golicki, Valentina Prevolnik Rupel, Judit Simon, **Valentin Brodzsky**, **Petra Baji**, Guenka Petrova, Alexandru Rotar, **László Gulácsi**, **Márta Péntek**, EQ-5D studies in musculoskeletal and connective tissue diseases in eight Central and Eastern European countries: a systematic review of the literature review and meta-analysis, *Rheumatology International*, (accepted) doi: 10.1007/s00296-017-3800-8. **IF (2016): 1.824; Scimago: Q2.**

Adrienn Katalin Poór, **Fanni Rencz**, **Valentin Brodzsky**, **László Gulácsi**, **Zsuzsanna Beretzky**, Bernadett Hidvégi, Péter Holló, Sarolta Kárpáti, Miklós Sárdy, **Márta Péntek**, Measurement properties of the EQ-5D-5L compared to the EQ-5D-3L in psoriasis patients, *Quality of Life Research* (accepted) **IF (2016): 2.344; Scimago Q1.**

**Márta Péntek**, **Valentin Brodzsky**, Zsolt Biró, Zsófia Kölkedy, Árpád Dunai, János Németh, **Petra Baji**, **Fanni Rencz**, **Laszlo Gulacsi**, Miklos D Resch, Subjective health expectations of patients with age-related macular degeneration treated with antiVEGF drugs, *BMC Geriatrics* 2017, 17:233, <https://doi.org/10.1186/s12877-017-0619-9>, <https://bmcgeriatr.biomedcentral.com/articles>, **IF (2016): 2.611; Scimago Q1.**

**F Rencz**, AK Poór, **M Péntek**, P Holló, S Kárpáti, **L Gulácsi**, A Szegedi, É Remenyik, B Hidvégi, K Herszényi, H Jókai, Z **Beretzky**, **V Brodzsky**, A detailed analysis of ‘not relevant’ responses on the DLQI in psoriasis: potential biases in treatment decisions, *Journal of the European Academy of Dermatology & Venereology*. 2017, 2017 Nov 8. doi: 10.1111/jdv.14676 **IF (2016): 3.528; Scimago: Q1 (D1).**

Hifinger M, Hiligsmann M, Ramiro S, Watson V, Severens JL, Fautrel B, Uhlig T, van Vollenhoven R, Jacques P, Detert J, Canas da Silva J, Scire CA, Berghea F, Carmona L, **Pentek M**, Keat A, Boonen A. Economic considerations and patients' preferences affect treatment selection for patients with rheumatoid arthritis: a discrete choice experiment among European rheumatologists. *ANNALS OF THE RHEUMATIC DISEASES* 76:(1) pp. 126-132. (2017) **IF (2016): 12.811; Scimago Q1 (D1).**

Hifinger M, Hiligsmann M, Ramiro S, Watson V, Berghea F, **Pentek M**, Keat A, Severens JL, Fautrel B, Boonen A. Influence of disease activity on RA treatment choices in countries with restricted access to expensive, innovative drugs: a discrete choice experiment among rheumatologists. *RMD OPEN* 3:(2) p. e000453. (2017) **IF: -; Scimago -.**

Kumánovics G, **Péntek M**, Bae S, Opris D, Khanna D, Furst DE, Czirják L. Assessment of skin involvement in systemic sclerosis. *Rheumatology (Oxford)*. 2017 Sep 1;56(suppl\_5):v53-v66. doi: 10.1093/rheumatology/kex202. **IF (2016): 4.818 Scimago: Q1 (D1)**

# Publications in English 4/2017 IFΣ: 69.572

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Adrienn Katalin Poór, **Valentin Brodszky, Márta Péntek, László Gulácsi**, Gábor Ruzsa, Bernadett Hidvégi, Péter Holló, Sarolta Kárpáti, Miklós Sárdy, **Fanni Rencz**, Is the Dermatology Life Quality Index appropriate for medical decision-making in psoriasis patients? Archives of Dermatological Research, 2017 accepted for publication **IF (2016): 2.327, Scimago: Q1**

Rubashkin N, Szebik I, **Baji P**, Szántó Z, Susánszky É, Vedam S. Assessing quality of maternity care in Hungary: expert validation and testing of the mother-centered prenatal care (MCPC) survey instrument. Reprod Health. 2017 Nov 16;14(1):152. **IF(2016): 2.209, Scimago Q1**

**Márta Péntek, Zsombor Zrubka, László Gulácsi**, The economic impact of biosimilars in chronic immune-mediated inflammatory diseases, Current Pharmaceutical Design (Curr Pharm Des.) 2017 Nov 29. doi: 10.2174/1381612824666171129193708. [Epub ahead of print] **IF (2016): 2.611, Scimago: Q1**

# Conference abstracts in English 2017

Rencz F, Gulácsi L, Baji P, Péntek M, Brodszky V. Budget impact analysis of biosimilar rituximab (CT-P10) for the treatment of chronic lymphocytic leukaemia in the 28 EU member states. HAEMATOLOGICA 102:(Suppl. 2) pp. 295-296. (2017)  
22nd Congress of the European Hematology Association. Madrid, Spain: 2017.06.22 -2017.06.25.

Rencz F, Palatka K, Gulácsi L, Péntek M, Brodszky V, Gönczi L, Kürti Z, Végh Z, Banai J, Herszényi L, Szamosi T, Rutka M, Molnár T, Lakatos PL. Health utility values for luminal and fistulising Crohn's disease: a time trade-off survey  
CENTRAL EUROPEAN JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY 3:(S1) p. 118. (2017)  
59th Annual Meeting of the Hungarian Society of Gastroenterology. Siófok, Hungary: 2017.06.10 -2017.06.13.

Rencz F, Poor AK, Pentek M, Hollo P, Karpati S, Gulacsi L, Szegedi A, Remenyik E, Hidvegi B, Brodszky V  
Women, elderly and less educated psoriasis patients provide more 'not relevant' responses on the Dermatology Life Quality Index - is it a problem? JOURNAL OF INVESTIGATIVE DERMATOLOGY 137:(102) p. S195. (2017) 47th Annual Meeting of the European Society for Dermatological Research (ESDR). Salzburg, Austria: 2017.09.27 -2017.09.30.

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Rencz F, Gulácsi L, Péntek M, Baji P, Brodszky V. Budget Impact Analysis Of Biosimilar Rituximab (CT-P10) For The Treatment Of Diffuse Large B-Cell And Follicular Lymphoma In The 28 EU Member States (PSY23) VALUE IN HEALTH 20:(9) p. A548. (2017)  
International Society For Pharmacoeconomics and Outcomes Research (ISPOR) 20th Annual European Congress. Glasgow, Scotland: 2017.11.04 -2017.11.08.

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# Conference presentations in English 2017

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László Gulácsi, Healthcare in Hungary: Needs, Access and Quality of Health Services in Hungary and Comparison to Other Regional Countries, The Challenges Faced by Transitioning Economies, 27th April 2017, Budapest

Fanni Rencz, Outcome measures in psoriasis: new challenges and expectations. European Society for Dermatological Research Academy for Future Leaders, 9th November 2017

Petra Baji, Informal Payments in the Hungarian Health Care System, The Challenges Faced by Transitioning Economies, 27th April 2017, Budapest

László Gulácsi, Reducing Budgets, Increasing Access, International Conference on Malignant Lymphoma (ICML) 2017 Satellite Symposium June 13, 2017, Lugano Switzerland

László Gulácsi, Reducing Budgets, Increasing Access, European Hematology Association (EHA) 2017 Satellite Symposium June 22, 2017, Spain Madrid

László Gulácsi, Sustainable employment; Productivity loss due to chronic illnesses of employees - Hungarian examples BUDAPEST PENSION SEMINAR 2017, Longevity Risk and Social Security, Thursday 21 September 2017 Central Administration of National Pension Insurance Hungary (CANPI), Budapest

László Gulácsi, CF health economics and public health considerations, COLLABORATION WITH OUR NEIGHBORS 28 September, 2017, Gárdony, Hungary

László Gulácsi, Affordable treatment, Satellite Symposium: Going Above and beyond: A Full Spectrum of Innovation for Personalized, Convenient, and Affordable treatment, United European Gastroenterology (UEGW), October 31, Fira Gran Via, Barcelona, Spain

László Gulácsi, Comments to the presentation of Professor Dame Anne Johnson, 17th November, University of Pécs Dr. Halasy-Nagy József Hall, Pécs, Rákóczi út 80., Human well-being and the environment for living: health, water, climate Responsibility of science and education in the 21. century; International conference on the occasion of the 650th anniversary of the first University in Hungary, Pécs

# Publications in Hungarian 2017 (IF:0.698)

Gulácsi L. Az egészségügyi közgazdaságtan szerepe a szülészet-nőgyógyászat területén. Az egészségnyereség finanszírozása. (68. fejezet) in Papp Z. (szerk) A NŐGYÓGYÁSZAT KÉZIKÖNYVE, Medicina Könyvkiadó, Budapest, 2017.

Zrubka Zsombor: Az informális ellátás mérése és egészség-gazdaságtani értékelése [Measurement and health economic evaluation of informal care]. Orv Hetil. 2017; 158(35): 1363–1372. **IF (2016): 0.349 Scimago: Q3.**

Beretzky Zs, Péntek M. Informális ellátás és meghatározó tényezői krónikus betegségekben: magyarországi kutatások összehasonlító elemzése. [Characteristics and determinants of informal care in chronic diseases in Hungary: a comparative analysis.] Orv Hetil. Accepted for publication on 19 September 2017. **IF (2016): 0.349 Scimago: Q3.**

Sági Csilla, Baji Petra: Hálapénz a szülészetben - egy kvalitatív vizsgálat eredményei. BIZTOSÍTÁS ÉS KOCKÁZAT 4:(1) pp. 82-97. (2017)

## Presentations in Hungarian

Gulácsi L. A vizeletinkontinencia gyakorisága, társadalmi és egészséggazdaságtani vetülete, Budapest, Danubius Health Spa Resort Margitsziget, A Magyar Nőorvos Társaság (MNT) és a Magyar Urológus Társaság (MUT) Urogynekológiai Szekciójának és a Magyar Kontinencia Társaságnak közös tudományos kongresszusa és továbbképző tanfolyama, 2017. május 4.

Péntek M. Életminőség és betegséggel összefüggő költségek sclerosis multiplexben. Magyar Neuroimmunológiai Társaság IV. Kongresszusa. Visegrád, Magyarország: 2017.09.28 -2017.09.30.

Rencz Fanni, Az életminőség mérése pikkelysömörben: új kihívások és lehetőségek. Semmelweis Egyetem Baráti Körének 2017 október havi rendezvénye, Semmelweis Egyetem Elméleti Orvostudományi Központ, Beznák Aladár terem, 2017. október 25.

## Honorary Professor ceremony – Prof. Milena Pavlova

[http://www.uni-corvinus.hu/index.php?id=36365&tx\\_ttnews%5Btt\\_news%5D=29815&cHash=5e120b6311ae30d54b13c424f2c1a105](http://www.uni-corvinus.hu/index.php?id=36365&tx_ttnews%5Btt_news%5D=29815&cHash=5e120b6311ae30d54b13c424f2c1a105)



# 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

**PECUNIA** (2018-2021, H2020 Grant.: 779292): Programme in Costing, resource use measurement and outcome valuation for Use in multi-sectoral National and International health economic evaluations

Before 2017

- Concerted Action Programme on Quality Assurance in European Hospitals - COMAC/HSR, 1992-1994
- Co-operation in Science and Technology with Central and Eastern European Countries and with the New Independent States of the Former Soviet Union, Les Pays d'Europe Centrale et Orientale, (BIOMED/PECO)' of the EU, DG XII , 1994-1997
- DERMA (*IST-1999-20226*), "Prototypal system - based on image acquisition, 3D and chromatic reconstruction - for the objective monitoring of skin lesions", V Framework Programme: Information, Society Technologies, 1999-2003
- 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
- CEEQNET Project, Central and Eastern Europe Quality Network, Directorate C - Public Health and Risk Assessment, Health & Consumer Protection, Directorate general), 2004-2006
- European Collaboration on Dementia (Project: A/790609 – EuroCoDe), EC / DG Sanco, 2006-2009
- 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
- Mapping Professional Home Care in Europe EURHOMAP <http://www.eurhomap.eu/>, 2007 – 2011
- Assessment of patient payment policies and projection of their efficiency, equity and quality effects. The case of Central and Eastern Europe, ASSPRO CEE 2007 <http://www.assprocee2007.com/>, 2008 – 2013
- Health at Work H&W <http://www.abdn.ac.uk/haw/>, 2009 – 2013
- Social and economic burden and health-related quality of life in patients with rare diseases in Europe BURQOL-RD <http://www.burqol-rd.com/>, 2010 – 2013



# Research

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## Main research focuses

### **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

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**Disease burden and cost of illness studies in various acute and chronic diseases**

**Pharmacoeconomics**

**Health insurance, quality improvement and pay for performance**

**Health service research, health policy and financing**

**Supervisor**



**Prof. László Gulácsi M.D., Ph.D., DSC.**  
Department of Health Economics,  
Corvinus University of Budapest

# Ph.D. topics, research topics

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Decision support modeling, cost-effectiveness modeling

Health related cost-analysis

PhD Supervisor



**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

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Health-related quality of life and disease burden in chronic diseases

Economics of health and beauty industries

Supervisor



**Prof. Márta Péntek M.D., Ph.D.**

Department of Health Economics,  
Corvinus University of Budapest

# Research topics

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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.**

Department of Health Economics,  
Corvinus University of Budapest

# Ph.D. topics, research topics

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Utility assessment, time trade-off, EQ-5D

Medical decision-making

Health technology assessment

**Supervisor:**

**Fanni Rencz, MD, MSc, PhD**

Doctoral School in Business and Management,  
Corvinus University of Budapest

Doctoral School of Clinical Medicine, Semmelweis  
University



# Research topics

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Health Technology Assessment of medical devices

Medical device associated infections

Antibiotic resistance



**Miklós Weszli**

Department of Health Economics  
Corvinus University of Budapest



# Research topics

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eHealth literacy

Acceptability of health problems in different ages



**Zsombor Zrubka**

Department of Health Economics  
Corvinus University of Budapest

# Research topics

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Patient engagement in healthcare purchasing by insurers: Reducing waste, increasing value



**Óscar Brito Fernandes**

Faculty of Medicine (AMC)  
University of Amsterdam

Department of Health Economics  
Corvinus University of Budapest

# Research topics

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**Building performance intelligence in contract arrangements between insurers and health care provider**



**Armin Lucevic**

Faculty of Medicine (AMC)  
University of Amsterdam

Department of Health Economics  
Corvinus University of Budapest



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