

PERSONAL INFORMATION



POSITION

Dr. Norbert Kovács

📍 Radnóti Miklós utca 27, H-7761 Kozármisleny (Hungary)

☎ (+36) 70 222-1178

✉ kovacsnorbert@neurology.hu

🌐 kovacsnorbert.eu

Sex Male | Date of birth 6 Sep 1976 | Nationality Hungarian

vice director, professor, neurologist
Department of Neurology, University of Pécs,
H-7623 Pécs Ret utca 2, Hungary

WORK EXPERIENCE

- | | |
|--------------|--|
| 2017–Present | vice director
Department of Neurology, University of Pécs
Rét utca 2, 7623 Pécs (Hungary) |
| 2018–Present | neurologist, full professor
Department of Neurology, University of Pécs
Rét utca 2, 7623 Pécs (Hungary) |
| 2012–Present | senior researcher
MTA-PTE Clinical Neuroimaging Research Group, Pécs (Hungary)
Rét utca 2, 7623 Pécs (Hungary) |
| 2009–Present | Head, Movement Disorders Unit, Clinical Center, University of Pécs
Department of Neurology, University of Pécs, Pécs (Hungary)
Rét utca 2, 7623 Pécs (Hungary)
Leader of 3 medical doctors, 2 PhD students and 2 dedicated nurse practitioners |
| 2015–2018 | neurologist, tenured professor
Department of Neurology, University of Pécs
Rét utca 2, 7623 Pécs (Hungary) |
| 2010–2015 | neurologist, associate professor
Department of Neurology, University of Pécs, Rét utca 2, 7623 Pécs (Hungary) |
| 2008–2010 | neurologist, assistant professor
University of Pécs, Pécs (Hungary) |
| 2004–2008 | clinical doctor
University of Pécs, Pécs (Hungary) |
| 2002–2004 | resident doctor
University of Pécs, Pécs (Hungary) |

EDUCATION AND TRAINING

- | | |
|------|--|
| 2023 | Psychiatry, Board Certification
National Board Certification, Budapest (Hungary)
856/2023 (PNVB-B0010046) |
| 2018 | Doctor of Science Degree
Hungarian Academy of Sciences, Budapest (Hungary)
5480/2018 |
| 2015 | Vascular neurology, Board Certification
National Board Certification, Budapest (Hungary)
193/2015 |
| 2014 | Habilitation
University of Pécs, Pécs (Hungary)
22/2014/habil |
| 2009 | PhD degree, "Electrophysiological investigations in neurosurgically treated movement disorders"
University of Pécs, Pécs (Hungary)
4/2009/PhD |
| 2008 | Neurology, Board Certification |

National Board Certification, Budapest (Hungary)
300/2008

2002 Medical Degree

University of Pécs, Pécs (Hungary)
69-92/2002

2008 Summer School

Movement Disorders Society – European Section, Marburg (Germany)

01/09/2007–30/11/2007

Patient selection, intraoperative recording and postoperative management for deep brain stimulation

Christian Albrechts University of Kiel, Kiel (Germany)
Department of Neurology, Prof. Dr. Günther Deuschl and Prof. Dr. Jens Volkmann

UNIVERSITY-RELATED ACTIVITIES

Seminars and courses

Neurology 1, Neurology 2: Hungarian and English gradual courses for medical students (2004-)
Movement disorders: Hungarian and English gradual courses for medical students (2008-)
Movement disorders: postgradual course for PhD students (2012-)

PhD tutorship

6 students defended their Ph.D. degree (Dr. Dávid Pintér -2020, Márton Kovács -2020, József Tollár-2019, Attila Makkos-Weisz -2019, Dr. Gabriella Deli -2015, Dr. Zsuzsanna Aschermann -2016, Dr. Tivadar Lucza -2015), another 3 students with ongoing research activity

Elected position

Member of the Directing Board of Medical Faculty, University of Pécs

PERSONAL SKILLS

Mother tongue(s)

Hungarian

Other language(s)

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C2	C2

GK080-09871, Profex Medical Language Certificate

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Linux, Windows, Microsoft Office, LibreOffice, SPSS

Matlab and Spike2 programming

ADDITIONAL INFORMATION

Interests

Deep brain stimulation
Levodopa/carbidopa intestinal gel infusion therapy
Movement disorders (treatment and clinical research)
Clinical electrophysiology (accelerometry, cognitive evoked potentials, intraoperative electrophysiology)
Neuroimaging, MRI volumetry, voxel-based morphometry, diffusion tensor imaging, functional MRI
Cognition, neuropsychiatric tests

Society memberships

Clinical Neuroscience Committee, Hungarian Academy of Sciences
(member: 2009-present, secretary: 2011-2014)
Kömyey Society
(member: 2009-present, secretary: 2011-present)
Dystonia Study Group
(member, 2009-present)
Hungarian Scientific Parkinson Society

(member: 2007-present, member of the Presidential Board 2012-present, president 2019-present)

Movement Disorders Society
(member, 2007-present, MDS-ES Executive Committee member 2021-present)
Hungarian Clinical Neurophysiological Society
(member, 2006-present)
Hungarian Neurological Society
(member, 2003-present)

Honours and awards

New National Excellence Program (ÚNKP-16-4, 2016-2017)
Bolyai Scholarship of the Hungarian Scientific Academy, 2013-2016
Romhányi Scholarship, University of Pécs, 2012
Bolyai Scholarship of the Hungarian Scientific Academy, 2009-2012
"Best original article, 2010", Ideggyógyászati Szemle – Clinical Neuroscience, 2010
"Best review article", Lege Artis Medicinae, 2010
"Schaffer Károly" Award, Semmelweis University, Budapest, Hungary, 2008
European Federation of Neurological Societies, Department to Department Programme, 2007
Berde Botond Scholarship, University of Pécs, Hungary, 2007
Körmey Award (Department of Neurology, University of Pécs, 2007
Leonardo da Vinci Resident Mobility Programme, European Council, 2007
Scientific Award of the Hungarian League Against Epilepsy, Győr, 2005
"Mestyán Gyula" Award, University of Pécs, 2002
Medical thesis for the Dean's Award, 1st prize, University of Pécs, 2001
Conference award, Conference of Young Neurologists, Budapest, Hungary 2001
Fellowship of the Republic of Hungary, 2001-2002
Teaching fellowship, 2001-2002
Hungarian State Scientific Student Workshop, 2nd prize 2001
University Scientific Student Workshop, 1st prize, 2001

Editorial Board membership

World Journal of Neurology (2012-)
Pharmacologia (2014-)
Behavioural Neurology (2013-)
BAOJ Neurology (2015-)

Reviewer for scientific journals

Journal of Neurology, Neurosurgery and Psychiatry (2004-)
Movement Disorders (2005-)
Journal of Neuroscience Methods (2008-)
Acta Neurologica Scandinavica (2007-)
Parkinsonism & Related Disorders (2011-)
Brain and Cognition (2011-)
Journal of Physical Education and Sport Management (2011-)
Motor Control (2012-)
European Journal of Neurology (2012-)
Ideggyógyászati Szemle (2013-)
International Journal of Neuropsychopharmacology (2015-)
Movement Disorders Clinical Practice (2015-)

ORGANIZATIONAL ACTIVITIES

University-related

One week in Pécs: Deep Brain Stimulation for Movement Disorders
5-day interactive course for both neurologists and neurosurgeons,
partly sponsored by Medtronic
Since 2008, 13 occasions, 76 participants from 12 countries

International Movement Disorders Society-related activities

Deep Brain Stimulation for Movement Disorders – Budapest
Course directors: Norbert Kovács, Gertrúd Tamás, Jens Volkmann
September 11-12, 2014

Translation and cultural validation of the Unified Dyskinesia Rating Scale (UDysRS) to Hungarian
2013

Translation and cultural validation of the Unified Parkinson's Disease Rating Scale (MDS-UPDRS)

RESEARCH GRANTS

Principal investigator	<i>Comparison of interleaving and double monopolar stimulation modes in segmental and generalized dystonia</i> Medtronic External Research Program 2014/A1151724 2014-2018 <i>Deep brain stimulation: a new insight into human brain function</i> Hungarian Brain Research Council, KTIA_13_NAP-A-II/10 2013-2017 <i>Investigation of the pathomechanism of deep brain stimulation by functional neuroimaging and intraoperative electrophysiological techniques</i> OTKA Postdoctoral Research, OTKA PD 103964 2013-2016 <i>Identifications of new biomarkers: translational investigations</i> TÁMOP-4.2.2.A-11/1/KONV 2013-2014 <i>Investigations of movement disorders</i> University of Pécs, ÁOK-KA-OTKA-2011 2011-2012
Sub-investigator	<i>Save what can be saved: Applied clinical neuroimaging investigations</i> NKTH HU 0114 2009-2011 <i>Visible pain” New fMRI methods in pain research and treatment of pain”</i> NKTH 2008-2010 <i>Functional and morphological examinations in movement disorders</i> OTKA T043005 2003-2007 <i>A hipofízis adenilát cikláz aktiváló polipeptid (PACAP), mint potenciális biomarker, vizsgálata különböző fízológias és patológias állapotokban</i> NKFI K 119759 2016-2020

PUBLICATIONS

Number of peer-reviewed articles	148
Number of first or last authored articles	70
Impact factor (cumulative)	382.5
Impact factor of first or last authored articles	149.5
Independent citations	1836
All citations	2454
H-index	27
Number of book chapters	4
Number of educational books/booklets	4 Hungarian and 4 English
Number of books for patients	2

Minimal Clinically Important Differences for Burke-Fahn-Marsden Dystonia Rating Scale and 36-Item Short-Form Health Survey.

Pintér Dávid, Janszky József, **Kovács Norbert**

MOVEMENT DISORDERS 35: (7) pp. 1218-1223., 2020

Impact factor: 8.697, number of independent citations: 1

Integrated Care in Parkinson's Disease: A Systematic Review and Meta-Analysis.

Rajan Roopa, Brennan Laura, Bloem Bastiaan R., Dahodwala Nabila, Gardner Joan, Goldman Jennifer G., Grimes David A., Iansek Robert, **Kovács Norbert**, McGinley Jennifer, Parashos Sotirios A., Piemonte Maria E.P., Eggers Carsten

MOVEMENT DISORDERS 35: (9) pp. 1509-1531., 2020

Impact factor: 8.697, number of independent citations: 2

Are the MDS-UPDRS-based composite scores clinically applicable?.

Makkos A, Kovacs M, Aschermann Z, Harmat M, Janszky J, Karadi K, **Kovács N**

MOVEMENT DISORDERS 33: (5) pp. 835-839., 2018

Impact factor: 8.222, number of independent citations: 5

How Efficient Is Subthalamic Deep Brain Stimulation in Reducing Dyskinesia in Parkinson's Disease?

Juhász A, Deli G, Aschermann Z, Janszky J, Harmat M, Makkos A, Kovács M, Komoly S, Balás I, Dóczi T, Büki A, **Kovács N**

EUROPEAN NEUROLOGY 77: (5-6) pp. 281-287., 2017

Impact factor: 1.562, number of independent citations: 6

Levodopa/carbidopa intestinal gel can improve both motor and non-motor experiences of daily living in Parkinson's disease: An open-label study

Juhász Annamária, Aschermann Zsuzsanna, Ács Péter, Janszky József, Kovács Márton, Makkos Attila, Harmat Márk, Tényi Dalma, Karádi Kázmér, Komoly Sámuel, Takáts Annamária, Tóth Adrián, Nagy Helga, Klivényi Péter, Dibó György, Dézsi Livia, Zádori Dénes, Annus Ádám, Vécsei László, Varannai Lajos, **Kovács Norbert**

PARKINSONISM AND RELATED DISORDERS 37: (4) pp. 79-86., 2017

Impact factor: 4.721, number of independent citations: 13

The impact of left prefrontal repetitive transcranial magnetic stimulation on depression in Parkinson's disease: a randomized, double-blind, placebo-controlled study

Pál Endre, Nagy Ferenc, Aschermann Zsuzsanna, Balázs Éva, **Kovács Norbert**

MOVEMENT DISORDERS 25:(14) pp. 2311-2317. (2010)

Impact factor: 4.480, number of independent citations: 133

Status Dystonicus: Predictors of Outcome and Progression Patterns of Underlying Disease

Fasano A, Ricciardi L, Bentivoglio AR, Canavese C, Zorzi G, Petrovci I, Kresojevic N, Kostic VS, Svetel M, **Kovács N**, Balas I, Roubertie A, Mishra D, Mariotti P, Temudo T, Nardocci N

MOVEMENT DISORDERS 27:(6) pp. 783-788. (2012)

Impact factor: 4.558, number of independent citations: 54

Does obstetric brachial plexus injury influence speech dominance?

Auer T, Pinter S, **Kovács N**, Kalmar Z, Nagy F, Horvath AR, Koszo B, Kotek G, Perlaki G, Koves M, Kalman B, Komoly S, Schwarcz A, Woermann FG, Janszky J

ANNALS OF NEUROLOGY 65:(1) pp. 57-66. (2009)

Impact factor: 9.317, number of independent citations: 35

Morphometric changes of gray matter in Parkinson's disease with depression: a voxel-based morphometry study

Feldmann A, Illes Z, Kosztolanyi P, Illes E, Mike A, Kover F, Balas I, **Kovács N**, Nagy F

MOVEMENT DISORDERS 23:(1) pp. 42-46. (2008)

Impact factor: 3.898, number of independent citations: 148

Minimal Clinically Important Difference on the Motor Examination Part of MDS-UPDRS

Horváth K, Aschermann Z, Ács P, Deli G, Janszky J, Komoly S, Balázs É, Takács K, Karádi K, **Kovács N**

PARKINSONISM AND RELATED DISORDERS 21: (12) pp. 1421-1426., 2015

Impact factor: 3.794, number of independent citations: 62

OFFICIAL PUBLICATION LISTS

Repository of the Hungarian
Academy of Sciences

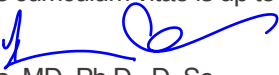
Articles

https://vm.mmt.hu/search/slist.php?nwi=1&initd=1&ty_on=1&url_on=1&cite_type=2&orderby=4D3d&lang=1&location=mtmt&stn=1&AuthorID=10001756&tipus=23,24,25,28&besorolas=10000059,18,1134514,10000249,10000129&jelleg=1,2,3,4,5&pr_on=1

Books, book chapters and dissertations

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I certify that this curriculum vitae is up to date as of September 9, 2024.


Norbert Kovács, MD, Ph.D., D. Sc.