

CURRICULUM VITAE: Professor Alla Guekht, MD, PhD, Doctor of Medical Science

Present appointments:

Director of the Moscow Research and Clinical Center for Neuropsychiatry	2011- present
Professor of Neurology, Pirogov Russian National Research Medical University	1999 - present
Head of Neurology and Epilepsy Clinic of the Buyanov City Hospital in Moscow	2007- present



Short biography:

I am a neurologist and epileptologist involved for over 30 years in clinical practice, research, and teaching in epilepsy and other areas of neuroscience (neuropsychiatry, cognitive impairment and dementia, stroke). I have also during this time been a healthcare management leader as the Hospital Director, Chief Neurologist of Moscow (2014-2016), and WHO expert in brain health. After obtaining an MD degree (cum laude) and completing residency I was trained in neuropsychology, EEG and EMG in Moscow and completed several training/fellowship programs in Germany and in the USA. My PhD (1988) was focused on EEG monitoring with carotid surgery, and doctoral dissertation (1994) – on brain plasticity and restoration after stroke. I also have a Master of Public Administration and Master of Business Administration. I was fortunate to have outstanding mentors and I am dedicated to advance high-quality education, guiding early-career doctors from many countries in clinical practice and research, with over 25 PhD and 5 doctoral dissertation students under my tutelage. My main research interests are: focal epilepsies, including epilepsy after stroke and traumatic brain injury, epilepsy in older people, somatic and psychiatric co-morbidities in people with epilepsy, epidemiology and health outcome studies and social issues (QOL, stigma). I am dedicated to advance translational research and collaboration with colleagues from other areas of neuroscience.

I have served in various leadership positions in the International League Against Epilepsy, and for several decades I am significantly involved in the WHO initiatives in epilepsy and brain health. I was privileged to coordinate the epilepsy community teamwork in promoting epilepsy as a public health priority at the level of the WHO (leading to the development of several strategic WHO documents, including the Intersectoral Action Plan of Epilepsy and other Neurological disorders, IGAP). In addition to my ILAE commitments, I have held international roles in neurology, as a World Federation of Neurology (WFN) Trustee, member of the Educational Committee of the WFN and World Stroke Organization, European Academy of Neurology (EAN) panels and EAN core COVID-19 Task force. Since the outbreak of the pandemic, I am co-chairing the WHO COVID-19 Neuro Forum Working group on Follow-up and long-term impact.

Service to the International League against Epilepsy:

- Treasurer 2021 - present
- Chair of the Global Advocacy Council 2020 - present
- Vice-President 2017 - 2021
- Management committee Liaison for ILAE-Europe 2017 - present
- Management committee Liaison for ILAE Commissions and Task Forces: 2017 - 2021
 - Psychiatry; Epilepsy in Older people; Epidemiology; Global Health 2017 - present
 - Climate Change 2021 - present

- Epilepsy and driving 2017 - 2021
- Co-Chair, Global Outreach Task Force 2013 - 2017
- ILAE-Europe (Commission on European Affairs, CEA) (2001-2013):
 - Secretary 2009 - 2013
 - Chair of the European Advisory Council 2005 - 2009
 - Chair of the Sub-commission for Central and Eastern Europe 2001 - 2005
- CEA Sub-commission for Guidelines and Sub-commission for Central and Eastern Europe (member), EUREPA trainer 1997 - 2001

Awards and Honors:

- Bruce S. Schoenberg International Award and lecture in Neuroepidemiology (American Academy of Neurology) 2003
- Distinguished Physician of the Russian Federation Award 2006
- The European Epilepsy Educational Award 2012
- The Ambassador for Epilepsy Award from the ILAE and IBE 2013
- Awards of the Mayor of Moscow for the Achievements in Medicine 2014 and 2019
- The Montreal Neurological Institute/ Killam Seminar Series, invited speaker 2016
- Russian Academy of Sciences, Corresponding member 2022

Editorial Activities (past and present):

Editorial Board member: *Epilepsia*, *Epileptic Disorders*, *European Journal of Neurology*, *Neurological Sciences* (associate editor), *Journal of Neurological Sciences*, *Acta Neurologica Scandinavica*, *European Journal of Stroke*, *Korsakov Journal of Neurology and Psychiatry*.

Collaboration with the WHO in epilepsy:

- WHO-ILAE focal contact point (2017-present)
- Core group of experts to support the development of the toolkit for the implementation of IGAP: member (since 2023)
- Improving the lives of people with epilepsy: a technical brief (WHO, 2022): an expert and contributor
- Side event for epilepsy at the 72nd WHA (2019): co-chair and speaker
- Epilepsy: a public health imperative (WHO-ILAE-IBE Global report on epilepsy, 2019): Project coordinator, Steering Committee member, co-author of Chapters 3, 5, 6.
- Topic Expert Group (TEG) in epilepsy for the mental health gap (mhGAP) guideline update (2021-2023), member; invited participant at the mhGAP meetings in 2018-2022
- 1st WHO – Université de Lausanne International Seminar on Mastering Public Mental Health (2018): speaker (epilepsy section)
- I contributed to numerous meetings/sessions/events/discussions at the WHO Headquarter and in other locations, dedicated to the Resolutions WHA68.20 (2015); WHA73.10 (2020), Intersectoral global action plan on epilepsy and other Neurological disorders (2022) and other epilepsy-related WHO initiatives and documents (2013 - present),

Collaboration with the WHO in other areas of brain health:

- Optimizing brain health across the life course: WHO position paper (2022): expert and contributor
- COVID-19:
 - Co-Chair, COVID-19 NeuroForum Working group on Follow-up and long-term impact (2020-present); co-author of numerous papers on COVID-19 and neurology

- Clinical management of COVID-19. WHO Living guideline (2021-2023): WHO convened Guideline Development Group (GDG) panel member
- Guidance for clinical case management of thrombosis with thrombocytopenia syndrome (TTS) following vaccination to prevent coronavirus disease (COVID-19) (WHO, 2023); member of the Guideline Development Group
- Dementia:
 - Towards a dementia plan: a WHO guide (WHO, 2018): expert and contributor
 - Consultation on the development of the Global dementia observatory (WHO, 2017), expert and contributor
 - 1st WHO Ministerial conference on dementia (2015), faculty member
 - WHO meetings on dementia (2013 and 2017), expert
- Parkinson's disease: Member of the Working Group on Parkinson's Disease formed by the WHO (1997- 2010)

ILAE International and Regional Congresses:

- International Epilepsy Congresses (IEC):
 - 24th (2001), 26th (2005), 27th (2007) and 30th (2013) – 35th (2023) congresses: invited speaker
 - 31st (2015) IEC: member of the Scientific organizing committee
- European Epilepsy Congresses (EEC):
 - 6th (2004) and 8th (2008) – 14th (2022) congresses: invited speaker
 - 6th (2004), 8th (2008) – 11th (2014), 13th (2018) – 15th (2024) congresses: member of the Organizing committee/ Scientific organizing committee
 - 13th EEC (2018): Main topic Chair
- Asian & Oceanian Epilepsy Congress (AOEC): 13th AOEC (2021), invited speaker
- North American Epilepsy Congress (NAEC): 1st NAEC (2020), faculty member
- American Epilepsy Society Meetings: faculty member in 2019, 2021 – 2023
- European Forum on Epilepsy Research (2013), faculty member

ILAE and ILAE- Europe Educational activities:

- Migrating Course on Epilepsy: co-founder; director, member of the Organizing committee and faculty member of the 1st (2005) – 8th (2014) Courses
- Eilat International Educational Course: Pharmacological treatment of epilepsy: Member of the Organizing committee (2005 – 2015) and faculty member of the 1st (2005) – 4th (2011) Courses
- San-Servolo Epilepsy Course: faculty Member in 2003 and 2010
- Baltic Sea Summer School on Epilepsy (BSSSE): faculty member of the 1st (2007) – 3rd (2009), 10th (2016), 13th (2019) summer schools
- Eastern-European Course on Epilepsy: faculty member in 2014 and 2016
- Caucasian Summer School on epilepsy: faculty member in 2011 and 2012
- Faculty member of many educational events, organized by the ILAE Chapters worldwide

Other Epilepsy Congresses and meetings:

- Epilepsy, brain and mind: faculty member in 2010, 2012, 2014
- Pan-Hellenic epilepsy congress: faculty member in 2009 and 2017– 2023
- Invited speaker at many Congresses and Conferences, organized by the ILAE Chapters worldwide

Multidisciplinary International and Regional Congresses (contribution predominantly to the Epilepsy sessions):

- World Congresses of Neurology: 19th (2009) – 26th (2023) congresses: invited speaker
- European Academy of Neurology Congresses: 1st (2015), 4th (2018) – 9th (2023) congresses: invited speaker

- European Federation of Neurological Sciences (EFNS) Congresses:
 - 9th (2005), 11th (2007), 13th (2009) – 18th (2014) congresses: invited speaker
 - 11th (2007), 13th (2009), 15th (2011), 16th (2012) congresses: Program committee member
- World Congress on Controversies in Neurology (CONy):
 - 2nd (2008) – 17th (2023) congresses: invited speaker
 - Epilepsy section head since 2021

Other International Congresses and Conferences:

- Psychiatry: 23rd WPA World Congress of Psychiatry (2023): invited speaker
- Stroke: 10th (2016) and 11th (2018) World Stroke Congresses, European Stroke Organization Conferences (ESOC) in 2015, 2017, 2019 – 2021; European Stroke Conferences (ESC) in 2007, 2008, 2014, 2016: invited speaker; Scientific committee member (ESC, 2008)
- Vascular Dementia: 5th (2007), 7th (2011), 9th (2013) International Congresses on Vascular dementia (ICVD): invited speaker; 7th IVCD: congress co-chair
- Neurorehabilitation: 4th (2006), 6th (2010), 10th (2018), 18th (2022) World Congresses for neurorehabilitation (WCNR): invited speaker
- Parkinson's disease: Congress on Non-Motor Dysfunctions in Parkinson's Disease and Related Disorders in 2008 and 2014: invited speaker

Publications

(of total >340 peer reviewed papers and chapters); H index 47 (google scholar):

1. Freiman S, Hauser WA, Rider F, Yaroslavskaya S, Sazina O, Vladimirova E, Kaimovsky I, Shpak A, Gulyaeva N, **Guekht A**. Post-stroke seizures, epilepsy, and mortality in a prospective hospital-based study. *Front Neurol.* 2023;14:1273270.
2. Shpak AA, Rider FK, Druzhkova TA, Zhanina MY, Popova SB, **Guekht AB**, Gulyaeva NV Reduced levels of lacrimal glial cell line-derived neurotrophic factor (GDNF) in patients with focal epilepsy and focal epilepsy with comorbid depression: A Biomarker Candidate. *Int J Mol Sci.* 2023; 24(23):16818. .
3. Freiman S, Hauser WA, Rider F, Gulyaeva N, **Guekht A** Post-stroke epilepsy: From clinical predictors to possible mechanisms. *Epilepsy Res.* 2023;199:107282
4. Asadi-Pooya AA, **Guekht A**. Antiseizure medications in the World Health Organization list of "essential medicines". *Epilepsia.* 2023; 64(7):1951-1952.
5. Mula M, Brodie MJ, de Toffol B, **Guekht A**, Hecimovic H, Kanemoto K, Kanner AM, Teixeira AL, Wilson SJ. ILAE clinical practice recommendations for the medical treatment of depression in adults with epilepsy. *Epilepsia.* 2022; 63(2):316-334.
6. Crivelli L, Palmer K, Calandri I, **Guekht A**, Beghi E, Carroll W, Frontera J, García-Azorín D, Westenberg E, Winkler AS, Mangialasche F, Allegri RF, Kivipelto M. Changes in cognitive functioning after COVID-19: A systematic review and meta-analysis. *Alzheimers Dement.* 2022; 18(5):1047-1066.
7. Mitchell JW, Noble A, Baker G, Batchelor R, Brigo F, Christensen J, French J, Gil-Nagel A, **Guekht A**, Jette N, Kälviäinen R, Leach JP, Maguire M, O'Brien T, Rosenow F, Ryvlin P, Tittensor P, Tripathi M, Trinkka E, Wiebe S, Williamson PR, Marson T. Protocol for the development of an international Core Outcome Set for treatment trials in adults with epilepsy: the EPilepsy outcome Set for Effectiveness Trials Project (EPSET). *Trials.* 2022; 23(1): 943.
8. Druzhkova TA, Yakovlev AA, Rider FK, Zinchuk MS, **Guekht AB**, Gulyaeva NV. Elevated serum cortisol levels in patients with focal epilepsy, depression, and comorbid epilepsy and depression. *Int J Mol Sci.* 2022; 23(18):10414.
9. **Guekht A**, Brodie M, Secco M, Li S, Volkens N, Wiebe S. The road to a World Health Organization global action plan on epilepsy and other neurological disorders. *Epilepsia.* 2021; 62(5):1057-1063.

10. Volkens N, Wiebe S, Asadi-Pooya AA, Balagura G, Gómez-Iglesias P, **Guekht A**, Hall J, Ikeda A, Jetté N, Kishk NA, Murphy P, Perucca E, Pérez-Poveda JC, Sanya EO, Trinka E, Zhou D, Cross JH. The initial impact of the SARS-CoV-2 pandemic on epilepsy research. *Epilepsia Open*. 2021; 6(2):255-265.
11. Misra S, Kolappa K, Prasad M, Radhakrishnan D, Thakur KT, Solomon T, Michael BD, Winkler AS, Beghi E, **Guekht A**, Pardo CA, Wood GK, Hsiang-Yi Chou S, Fink EL, Schmutzhard E, Kheradmand A, Hoo FK, Kumar A, Das A, Srivastava AK, Agarwal A, Dua T, Prasad K. Frequency of neurologic manifestations in COVID-19: A systematic review and meta-analysis. *Neurology*. 2021; 97(23):e2269-e2281.
12. Cross JH, Kwon CS, Asadi-Pooya AA, Balagura G, Gómez-Iglesias P, **Guekht A**, Hall J, Ikeda A, Kishk NA, Murphy P, Kissani N, Naji Y, Perucca E, Pérez-Poveda JC, Sanya EO, Trinka E, Zhou D, Wiebe S, Jette N; ILAE Task Forces on COVID-19, Telemedicine. Epilepsy care during the COVID-19 pandemic. *Epilepsia*. 2021; 62(10):2322-2332.
13. Shpak AA, **Guekht AB**, Druzhkova TA, Rider FK, Gulyaeva NV Brain-derived neurotrophic factor in blood serum and lacrimal fluid of patients with focal epilepsy. *Epilepsy Res*. 2021; 176:106707.
14. Wilmshurst JM, **Guekht A**, Secco M, Helen Cross J, Perucca E. Advocacy Task Force, Commission of Pediatrics, International League Against Epilepsy. Advocacy for children with epilepsy: Leveraging the WHA resolution. *Epilepsia Open*. 2018; 3(2):167-174
15. Norrving B, Barrick J, Davalos A, Dichgans M, Cordonnier C, **Guekht A**, Kutluk K, Mikulik R, Wardlaw J, Richard E, Nabavi D, Molina C, Bath PM, Stibrant Sunnerhagen K, Rudd A, Drummond A, Planas A, Caso V. Action Plan for Stroke in Europe 2018-2030. *Eur Stroke J*. 2018; 3(4):309-336.
16. **Guekht A**, Gersamiya A, Kaimovskiy I, Mizinova M, Yakovlev A, Shpak A. Attitudes towards people with epilepsy in Moscow. *Epilepsy Behav*. 2017; 70(Pt A):182-186
17. **Guekht A**, Mizinova M, Kaimovsky I, Danilenko O, Bianchi E, Beghi E. The direct costs of epilepsy in Russia. A prospective cost-of-illness study from a single center in Moscow. *Epilepsy Behav*. 2016; 64(Pt A):122-126.
18. Covanis A, **Guekht A**, Li S, Secco M, Shakir R, Perucca E. From global campaign to global commitment: The World Health Assembly's Resolution on epilepsy. *Epilepsia*. 2015; 56(11):1651-7.
19. **Guekht A**, Mizinova M, Ershov A, Guz D, Kaimovsky I, Messina P, Beghi E. In-hospital costs in patients with seizures and epilepsy after stroke. *Epilepsia*. 2015; 56(8):1309-13.
20. Brainin M, Tuomilehto J, Heiss WD, Bornstein NM, Bath PM, Teuschl Y, Richard E, **Guekht A**, Quinn T; Post Stroke Cognition Study Group Post-stroke cognitive decline: an update and perspectives for clinical research. *Eur J Neurol*. 2015 Feb; 22(2):229-38, e13-6.