CURRICULUM VITAE

Name: Jonathan Joseph Eskenazi, M.D.

Professional Contact Information:

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Date of Birth: 01/25/1987

Citizenship: USA

Languages: Spanish: Reading, writing and comprehension; Excellent

English: Reading, writing and comprehension: Excellent Hebrew: Reading, writing and comprehension: Very good

Education:

Medical:

2011 M.D. Universidad Peruana Cayetano Heredia

Board Certification:

2017 American Board of Psychiatry and Neurology 2020 American Board of Brain Injury Medicine

Professional Experience:

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| 02/2019 – Ongoing | Medical Director Neurological Institute of Los Angeles |
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| 03/2021 – Ongoing | Medical Director Traumatic Brain Injury Specialists |
| 12/2021 - Ongoing | Co-Director of Neurology at California Hospital Trauma Center in |
| | Los Angeles |
| 07/01/2019 - ongoing | Assistant Clinical Professor of Neurology at UCLA David Geffen |
| | School of Medicine |
| 01/01/2018 - ongoing | Assistant Clinical Professor of Medicine – Charles R. Drew |
| | University of Medicine and Science |
| 01/07/2017- ongoing | Clinical attending in Neurology at Cedars Sinai Medical Center |
| 01/2018–12-2022: | Stroke team at Cedars Sinai Medical Center |
| 06/2019- 07-2020: | Director of Neuroscience at Southern California Hospital in Culver |
| | City |
| 04/2019 - 03-2020: | Director of Neuroscience and Stroke Center at Hollywood |
| | Presbyterian Medical Center |
| 08/2017-03/2019 | Director of Neurology at Saint Vincent Medical Center |
| 08/2017 | Penry Neuro-stimulation Course for Epilepsy |
| (| 08/2017-03/2019 |

| 07/2017 | Penry Mini-fellowship in Epilepsy |
|-------------------|--|
| 07/2016 - 06/2017 | Chief Resident Neurology Residency Cedars Sinai Medical Center |
| 07/2014 - 06/2017 | Neurology Residency at Cedars Sinai Medical Center Los Angeles |
| 06/2013 - 06/2014 | Internal Medicine Preliminary at Jewish Hospital of Cincinnati and |
| | Research at University of Cincinnati Movement Disorders Group |
| 04/2011 - 06/2013 | General Physician at Ricardo Palma Hospital, House Staff |
| | Emergency Department |
| 07/2011 - 10/2011 | General Physician Chancay (small hospital in rural area) |
| 01/2010 - 01/2011 | Internship Cayetano Heredia Hospital, Lima, Peru |
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Academic Leadership:

| 07/01/2019 - ongoing | Assistant Clinical Professor of Neurology at UCLA David Geffen |
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| | School of Medicine |
| 01/01/2018 - ongoing | Assistant Clinical Professor of Medicine – Charles R. Drew |
| | University of Medicine and Science |
| 01/07/2017- ongoing | Clinical attending in Neurology at Cedars Sinai Medical Center |
| | |
| 01/11/2018 | Director of the 1 st International Movement Disorders and |
| | Parkinson Conference in Lima, Peru |
| 01/2017 - 01/2018 | Vice-Chair of the North American Neuromodulation Society |
| | Resident and Fellows Section |
| 01/2015 - 12/2017 | Board of Directors of the California Neurology Society |
| 01/2014 - 12/2016 | Director of "Unidad de Ictus" at Ricardo Palma Hospital in |
| | Lima, Peru |
| 01/2012 - 04/2014 | Coordinator and Educational Chief of Neurology at Ricardo Palma |
| | Hospital in Lima, Peru |
| 01/2012 - 12/2013 | General Coordinator and Instructor of Medical Interns (last year of |
| | medical school) at Ricardo Palma Hospital in Lima, Peru |
| 01/2007 - 01/2013 | Instructor Neuroanatomy Course for Medical Students |
| | Cayetano Heredia University |
| 01/2012 - 12/2013 | Instructor, Clinical Neurology based on Neuroanatomy course |
| | AMIR academy (prepares students for taking the MIR exam for |
| | Spain and the exam for residency in Peru) |
| 03/2012 | Coordinator of "The Gorgas Courses in Clinical Tropical |
| | Medicine" Lima, Peru |
| 02/2011 | Coordinator of the "Lumbreras Tropical Medicine Course" |
| | Lima, Peru |
| 01/2004 - 04/2011 | Medical School Universidad Peruana Cayetano Heredia |
| | Lima, Peru |
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1993 – 2003 High School Leon Pinelo School Lima, Peru

Research Activity:

Past Research Experience

01/2011 – 12/2012 Research Assistant in the Cohort of HTLV-1 and Topical Spastic Paraparesis in Cayetan0 Heredia University

Ongoing Research Involvement

- 1. PI for Amgen 20180060 study, Effect of Erenumab-aooe on Disability and Work Productivity in Employed Subjects with Episodic Migraine Who Have Previously Failed 1 or More Migraine Preventive Treatments.
- 2. PI for Pfizer Prospective Randomized 12-week Controlled Study of Visual Field Change In Subjects With Partial Seizures Receiving Pregabalin Or Placebo (NCT00351611)
- 3. Sub PI for Acadia Pharmaceuticals ACP-103-048 An Open-Label, 8-Week Study of Safety And Efficacy Of Pimavanserin Treatment In Adults With Parkinson's Disease And Depression.
- 4. Sub PI for Actelion AC-058B302 Multicenter, Randomized, Double-Blind, Parallel-Group, Add-On, Superiority Study To Compare The Efficacy And Safety Of Ponesimod To Placebo In Subjects With Active Relapsing Multiple Sclerosis Who Are Treated With Dimethyl Fumarate (Tecfidera®)
- 5. Sub PI for Cerecor, Inc CLIN301-101 A Single Ascending Dose Study to Evaluate the Safety, Tolerability, and Pharmacokinetics of CERC-301 in Patients with Symptomatic Neurogenic Orthostatic Hypotension (nOH) associated with Parkinson's Disease.
- Sub PI for Hoffman-La Roche BN40423 A Randomized, Multicenter, Double-Blind, Placebo-Controlled, Phase III Clinical Study to Evaluate the Efficacy and Safety of Intrathecally Administered RO7234292 (RG6042) in Patients with Manifest Huntington's Disease
- 7. Sub PI for Intec Pharma Ltd. IN 11 004 An Open-Label, Multi-Center, Follow-Up Study Designed to Evaluate the Long-Term Effects of AP-CD/LD in Fluctuating Parkinson's Disease Subjects Who Completed Study IN 11 004
- 8. Sub PI for Intec Pharma Ltd. IN 11 004 OLE An Open-Label, Multi-Center, Follow-Up Study Designed to Evaluate the Long-Term Effects of AP-CD/LD in Fluctuating Parkinson's Disease Subjects Who Completed Study IN 11 004
- 9. Sub PI for IMPAX Laboratories, Inc IPX203-B16-02 A Randomized Controlled Study to Compare the Safety and Efficacy of IPX203 With Immediate-Release Carbidopa-Levodopa in Parkinson's Disease Patients with Motor Fluctuations
- 10. Sub PI for Eisai This 24-month treatment, multicenter, double-blind, placebo-controlled, parallel group, Phase 3 study in participants with Early Alzheimer's

- Disease (EAD) including mild cognitive impairment (MCI) due to AD/Prodromal AD and the early stages of mild AD to evaluate the efficacy and safety of Elenbecestat (E2609).
- 11. Sub PI for ViroMed A Phase III, Double-Blind, Randomized, Placebo-Controlled, Multicenter Study to Assess the Safety and Efficacy of VM202 in Subjects With Painful Diabetic Peripheral Neuropathy
- 12. Sub PI for Alkermes A Phase 3, Multicenter Study to Assess the Long-Term Safety and Tolerability of ALKS 3831 in Subjects With Schizophrenia
- 13. Sub PI for Alkermes. A Phase 3 Study to Evaluate Weight Gain of ALKS 3831 Compared to Olanzapine in Adults With Schizophrenia
- 14. Sub PI for Neurocrine Biosciences. Open-Label Safety and Tolerability Study of Optimized Doses of NBI-98854 for the Treatment of Pediatric Subjects with Tourette Syndrome

Research Involvement

- 1. Sub PI IDEAS study CR00474477: Imaging Dementia—Evidence for Amyloid Scanning Study
- 2. Co-investigator IRB Study #Pro00033772 Long-term benefit of DBS for dystonia
- 3. Co-investigator IRB Study # Pro00037527 Genetic metabolic analysis of patients with headaches

Invited Lectures/Presentations:

- 1. TBI & Brain Injury medicine. Organized by Litili LLC for Defense Lawyers. 4/19/2023 12pm-1pm.
- 2. Non motor symptoms of Parkinson's Disease. Parkinson Foundation: Hacia adelante: Navegando el mar del Parkinson. Los Angeles, CA November 4, 2018.
- 3. CYP genotype and medication tolerability in a cohort of headache patients. Scholarship award at HCOP January 2016, Ojai, California
- 4. Incidence of impedance fluctuations in patients with thalamic deep brain stimulation for essential tremor and their effect on clinical outcome. Oral presentation at MDS 2015.
- 5. Conference in How to differentiate a primary from a secondary headache at the Outpatient medicine congress. Lima, Peru. July 14 July 16, 2012.
- 6. Cryptococcal Meningitis in HIV patients. Speaker at Panamerican Congress of Neurology. La Paz, Bolivia March 2012
- 7. Mortality in Cryptococcal Infection in HIV patients. Speaker of the 1st Annual World Congress of Microbes. Beijing, China July 30 August 1, 2011

Poster/Research Presentations:

1. Quality of life improvements persist in people with dystonia over 10 years following DBS surgery. MDS-PAS Miami 2017, poster presentation

- 2. Stimulation induced parkinsonism is uncommon in people with dystonia 10 years following DBS surgery. MDS-PAS Miami 2017, poster presentation
- 3. The Association between Migraine Headache and Vascular Risk Ascertained by Molecular Profiling Testing. AAN Vancouver 2016
- 4. Cytochrome P450 (CYP) Genetic Analysis in a Population of Patients with Headache and Facial Pain. AAN Vancouver 2016
- 5. Uncontrolled Discharge Diastolic Blood Pressure Is Associated with Favorable Outcome After Ischemic Stroke. AAN 2015 P5.170
- 6. Younger Acute Ischemic Stroke Patients Are at Higher Risk for 30- day Readmission. AAN 2015 P1.006
- 7. Effect of Dorsal & Ventral STN Deep Brain Stimulation on Actual and Perceived Sense of Postural Balance. Poster at AAN, Philadelphia May 2014.
- 8. Treatment of relapsed Multiple Myeloma, presenting as a testicular plasmacytoma, twenty years after treatment with allogeneic bone marrow transplantation. Awarded Finalist Poster presentation at ACP Internal Medicine Orlando April 2014

Bibliography:

Research Papers (Peer Reviewed)

- 1. Camilleri M, Subramanian T, Pagan F, Isaacson S, Gil R, Hauser RA, Feldman M, Goldstein M, Kumar R, Truong D, Chhabria N, Walter BL, Eskenazi J, Riesenberg R, Burdick D, Tse W, Molho E, Robottom B, Bhatia P, Kadimi S, Klos K, Shprecher D, Marquez-Mendoza O, Hidalgo G, Grill S, Li G, Mandell H, Hughes M, Stephenson S, Vandersluis J, Pfeffer M, Duker A, Shivkumar V, Kinney W, MacDougall J, Zasloff M, Barbut D.Ann. Oral ENT-01 Targets Enteric Neurons to Treat Constipation in Parkinson Disease: A Randomized Controlled Trial. Intern Med. 2022 Dec;175(12):1666-1674. doi: 10.7326/M22-1438. Epub 2022 Nov 8.PMID: 36343348 Clinical Trial.
- 2. Berkovich R, Eskenazi J, Yakupova A, Riddle EL. Progressive Multifocal Leukoencephalopathy Risk Perception in Patients Considering Natalizumab for Multiple Sclerosis. Int J MS Care. 2022 Jan-Feb;24(1):13-17. doi: 10.7224/1537-2073.2020-068. Epub 2021 Apr 8.PMID: 35261566 Free PMC article.
- 3. Dhiman M, Soukhak F, <u>Eskenazi J</u>. Endoscopic Third Ventriculostomy in a 12-Year-Old With Recurrent Failure of Ventriculoperitoneal Shunts. Cureus. 2023 Apr 28;15(4):e38270. doi: 0.7759/cureus.38270. eCollection 2023 Apr.PMID: 37255910 Free PMC article.
- 4. Dulanto J, Chu D, Saffari P, Abdelshahid M, Xu P, Hauser <u>J, Eskenazi</u> J, Morm L, Liu AK. Three Patients With Chorea and Positive Voltage-Gated Potassium Channel Antibody: Is This the Link Between Hyperkinetic von Economo Disease

- and COVID-19? Cureus. 2023 Mar 1;15(3):e35666. doi: 10.7759/cureus.35666. eCollection 2023 Mar. PMID: 36875252 Free PMC article.
- Jimenez A, Ravinutala A, Eskenazi J, Xu P, Liu A. Consideration Needed for early Anticoagulation Following Intravenous tPA in Patients with COVID-19. J Stroke Cerebrovasc Dis. 2021 Jul;30(7):105769. doi: 10.1016/j.jstrokecerebrovasdis.2021.105769. Epub 2021 Apr 2. PMID: 33863617 Free PMC article. No abstract available.
- 6. Duong L, Xu P, Eskenazi J, Liu A. Letter to the Editor: Neurohospitalist and COVID-19. Acta Neurol Belg. 2020 Dec;120(6):1485. doi: 10.1007/s13760-020-01470-8. Epub 2020 Aug 10. PMID: 32776168 Free PMC article. No abstract available.
- 7. Angelo, R, <u>Eskenazi, J, Xu, P, Liu, A. Consideration Needed for early Anticoagulation Following Intravenous tPA in Patients with COVID-19.</u> Journal of Stroke and Cerebrovascular Diseases. Volume 30, Issue 7, July 2021, 10576
- 8. Hogg, E., During, E., Tan, E., Athreya, K., <u>Eskenazi, J.</u>, Wertheimer, J., Mamelak, A, Alterman, A, Tagliati, M. Sustained Quality of Life Improvements Over 10 Years After Deep Brain Stimulation for Dystonia. *Movement Disorders*, Vol. 33, Issue 7, Aug 29 2018.
- 9. <u>Eskenazi, J.</u>, Nuno, M., Graff-Radford, S. Dumitrascu, O. Genetic and demographic outcomes in a population of patients with headache and facial pain. *Journal of Behavioral and Brain Science* 2018, June 8 (6): 339-350.
- 10. Nezhad, M., <u>Eskenazi, J.</u>, Le, D., Schlick, K., Shafie, M., Paletz, L., Guerra, S., Song, S., Lyden, P. Safety Scans after Intravenous Thombolytic Therapy Fail to Alter Course or Management. *Stroke Journal*. 2015; 46: ATP62
- 11. <u>Eskenazi, J.</u> First case of Familial Creutzfeldt Jakob Disease Associated with E200K mutation in Peru: A Case Report (P2.308). *Neurology Journal*, April 8, 2014 vol. 82 no. 10 Supplement P2.308

Research Papers - Peer Reviewed (In Press) - n/a

Research Papers – Peer Reviewed (Submitted) – n/a

Research Papers (Non-peer Reviewed)

1. Canessa. J., Cabrera, D., <u>Eskenazi, J.</u>, Samalvides, F. Associated Factors for In-Hospital Mortality in Patients with Meningeal Cryptococcosis and HIV Infection at a Local Hospital in Lima, Peru. *World Journal of AIDS*. Vol. 1 No. 1, March 2011.

Chapters – n/a

Abstracts - n/a

Honors and Special Awards:

| 2011 | Graduated 2 nd place in medical school at Universidad Peruana Cayetano |
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| | Heredia |
| 2006 - 2011 | Assistant Teacher of Neuroanatomy for students of medical school, |
| | nursing and pharmacy |
| 2006 - 2011 | Member of the student scientific and research society Universidad Peruana |
| | Cayetano Heredia |
| High School | Silver Medal (Second Place) |
| | First place in Science and Humanities |
| | First place in Chess Competition, five years in high school |

Leadership and Community Service:

| January 2016 – current | Chairman of Young Adult Los Angeles (YALA) |
|-------------------------|--|
| | Healthcare cluster |
| September 2016 | Volunteer at World Parkinson Conference |
| _ | Portland, Oregon |
| January – December 2015 | Jeremiah Fellowship with Bend the Arc. Nonprofit |
| | Organization focused on progressive social justice. Skills |
| | in community organizing, leadership, activism, and |
| | grassroots fundraising |
| June - September 2010 | Rural service work as an intern in Chancay (rural |
| | area 80 Km north of Lima) |
| 2007 - 2008 | President of "Hanoar Hatzioni" |
| 1995 - 2007 | Member of Jewish and Zionist Movement "Hanoar |
| | Hatzioni" Lima, Peru |
| 2006 - 2008 | Chief of Social work program in "Hanoar Hatzioni" |
| | Lima, Peru |
| 2003 - 2010 | Social Work 3 times a year visiting, making collections |
| | For food and basic stuff for poor people in public state |
| | Institutions like orphanage, nursing homes, and hospitals as |
| | a member of "Hanoar Hatzioni" |
| 2002 - 2005 | Volunteer with kids with cancer at "Fundacion Peruana Del |
| | Cancer" |
| 2001 - 2003 | Instructor and organizer of summer camp for little kids at |
| | Hebraica Club |
| 2006 - 2008 | In-charge of educational program of different leadership |
| | meetings: |
| | |

- Instructor of the Continental Majon Uruguay 2006; Brazil 2006; Costa Rica 2006
- Instructor and chief of educational program for the

Continental Majon Mexico 2007

- World Meeting from the Zionist Organization in Israel, representing Peru August 2007
- Director of Continental Majon Uruguay 2008