

February 2025

TATYANA (TANYA) SIMUNI, MD
ARTHUR C. NIELSEN JR. PROFESSOR OF NEUROLOGY
Director, Parkinson's Disease and Movement Disorders Center

CONTACT INFORMATION

Business Address:
Northwestern University, Feinberg School of Medicine
Department of Neurology
710 North Lake Shore Drive
Abbott Hall, 11th Floor
Chicago, IL 60611
312-503-2970
312-908-5073 (FAX)



Email: tsimuni@nm.org

EDUCATION

1979 – 1982 B.S. Leningrad Medical School
1982 – 1985 M.D. Leningrad Medical School*
*6-year Medical Program

POSTGRADUATE TRAINING

1985 – 1987 Intern/Resident in Medicine, Leningrad Hospital #4
Leningrad, Russia
1990 – 1991 Intern in Medicine, Albert Einstein Hospital, Philadelphia
1991 – 1994 Resident in Neurology, Temple University Hospital,
Philadelphia
1994 – 1995 Fellowship, Clinical Neurophysiology, Temple University Hospital, Philadelphia
1995 – 1996 Fellowship, Movement Disorders, Parkinson's Disease and Movement Disorders Center,
Graduate Neurological Center, University of Pennsylvania, Philadelphia
2013 Kellogg School of Business Northwestern University Leadership Course
(90 hour consolidated curriculum)

CERTIFICATIONS

1996 American Board of Psychiatry and Neurology
1997 Added Qualification in Neurophysiology
2005 American Board of Psychiatry and Neurology Recertification
2015 American Board of Psychiatry and Neurology Recertification
2022 American Board of Psychiatry and Neurology Recertification

PROFESSIONAL LICENSES

State of Illinois, Permanent (active)
Commonwealth of Pennsylvania (inactive status)

ACADEMIC APPOINTMENTS

1994 – 1995 **Instructor in Neurology**, Temple University Hospital

- 1997 – 2000 **Clinical Assistant Professor**, Department of Neurology
University of Pennsylvania
- 2000 – 2006 **Assistant Professor**, Department of Neurology
Northwestern University Feinberg School of Medicine, Chicago, IL
- 2006 – 2012 **Associate Professor**, Department of Neurology
Northwestern University Feinberg School of Medicine, Chicago, IL
- 2012 – **Arthur C. Nielsen Research Professor**, Department of Neurology
Northwestern University Feinberg School of Medicine, Chicago, IL

CLINIC APPOINTMENTS

- 1996 – 1997 Teaching Attending, Department of Neurology
MacNeal Hospital/ Academic Affiliate of University of Chicago
- 1996 – 1997 Co- Director Neurophysiology Laboratory
MacNeal Hospital
- 1997 – 2000 Attending Neurologist
Pennsylvania Hospital, Philadelphia
- 1999 – 2000 **Medical Director**, Movement Disorders Surgical Program
Parkinson’s Disease and Movement Disorders Center,
Pennsylvania Hospital, University of PA
- 2000 - Attending Neurologist
Northwestern Memorial Hospital, Chicago, IL

ADMINISTRATIVE APPOINTMENTS

- 1993 – 1994 Chief Resident, Neurology
Temple University Hospital
- 2001 – 2014 Residency Program Director, Department of Neurology
Northwestern University Feinberg School of Medicine, Chicago, IL
- 2000 – **Director**, Parkinson's Disease and Movement Disorders Center, Northwestern University
Feinberg School of Medicine, Chicago, IL
- 2001 – **Director**. Parkinson’s Foundation Center of Excellence.
Northwestern University Feinberg School of Medicine.
- 2017 – **Director**, Advanced neurology fellowship (R25 trainees)
- 2019 – **Director**, Movement Disorders fellowship (3 fellows/ year)

INTERNAL INSTITUTIONAL SERVICE

- 2002 – 2005 Member, NMH Pharmacy Committee
Northwestern Memorial Hospital, Chicago, IL
- 2002 – 2005 Member, McGaw Graduate Medical Education Committee
Northwestern Memorial Hospital, Chicago, IL
- 2001 – Executive Committee, Dept of Neurology, Northwestern University
- 2008 – Executive Committee Clinical Trials Unit, Department of Neurology, Northwestern University
- 2012 – Executive Committee for the Enhancement of Clinical Trials, Clinical research Committee,
Northwestern University Feinberg School of Medicine
- 2012 – Academic Promotion and Tenure Committee (APT), Northwestern University Feinberg
School of Medicine
- 2014 – NUCATS Advisory Council
- 2014 – Northwestern Memorial Hospital Care Team Leadership Forum
- 2015 – Academic Promotion and Tenure Committee (APT), Northwestern University Feinberg
School of Medicine, Department of Neurology

2014 – 2016 FSM endowed professorship appointment review committee
2016 – FSM Executive Clinical Research Council (10 members appointed by the Dean of Research)

PROFESSIONAL SOCIETY MEMBERSHIP

American Academy of Neurology (1994 –)

2002 – Member- Movement Disorders Section
2003 – 2013 Member- Consortium of Residency Program Directors
2011, 2014 Abstracts reviewer for the annual meeting
2013 Co-Chair, Scientific Platform Session. Therapeutics Parkinson's Disease
Mentor. Research Career development symposium
Abstracts reviewer
2014 Reviewer. Movement Disorders Abstracts. 2014 AAN Annual Meeting. Philadelphia, PA.
April 26–May 3, 2014.
2014 Ecuador Neurology Project, Invited Faculty
2015 Co-Chair, Scientific Platform Session. Genetics Parkinson's Disease
Abstracts reviewer
2015 Reviewer. Movement Disorders Abstracts. 2015 AAN Annual Meeting. Washington, DC. April
18–25, 2015.
2016 Co-Chair, Review Movement Disorders Abstracts. 2016 AAN Annual Meeting. Vancouver,
CA. April 15–21, 2016.
2017 Co-Chair, Review Movement Disorders Abstracts. 2017 AAN Annual Meeting. Boston, MA.
April 21–27, 2017.
2017 Co-Chair, Scientific Platform Session. Beyond levodopa therapy
2018 Co-Chair, Review Movement Disorders Abstracts. 2018 AAN Annual Meeting. Los Angeles,
CA. April 21–27, 2018.
Co-Chair, Movement disorders S26 Movement Disorders: Parkinson's Disease Clinical Trials
platform session 2018 AAN Annual Meeting. Los Angeles, CA. April 21–27, 2018.
2019 Co-Chair, Review Movement Disorders Abstracts. 2019 AAN Annual Meeting. Philadelphia,
PA. May 4-7, 2019.
Co-Chair, Movement disorders S26 Movement Disorders: Parkinson's Disease Clinical Trials
platform session 2019 AAN Annual Meeting. Philadelphia, PA. May 4-7, 2019.
2019 – Fellow, American Academy of Neurology (FAAN)

American Neurological Association

2009 – Elected member
2010, 2011, 2014 Abstracts reviewer for the annual meeting
2010, 2011, 2014 Co-Chair, Scientific Platform Session. Therapeutics Parkinson's Disease
2015 – Editorial Board, Annals of Clinical and Translational Neurology
2015 – Member Interactive lunch workshop Planning Committee annual ANA meeting
2017 Invited speaker. Leader in the field presentation. Special Interest Group (SIG) Symposia
Non motor PD. ANA annual meeting, San Diego October 2017

Movement Disorder Society (1996 –)

2007 Visiting Professorship, Chile
2008 Local Planning Committee for the 12th International Movement Disorders Society Congress
2014 – Member Awards Committee
2012 – Member, Educational Committee (Travel grants)
2015 Abstracts Reviewer
2017 – Member, Non motor working group

2017 – 2018 Co-Chair. Awards Committee. International Parkinson and Movement Disorder Society (MDS). June 30, 2017-September 30, 2019.

2018 – Member, Task Force, PD subtypes

2019 –2021 Chair. Awards Committee. International Parkinson and Movement Disorder Society (MDS).

2017 –2021 Member, Executive Steering Committee, Pan American Section

2019 – Co-Founder, Task Force, Clinical genetic testing in Parkinson’s disease

2019 –2021 LEAP Mentor

2020, 2021 Co-Director. MDS-PAS annual Movement Disorders School for Neurology residents

2021 – Member, Executive Steering Committee, International Parkinson and Movement Disorder Society (MDS).

2021 – Member, PD Subtypes Task Force, International Parkinson and Movement Disorder Society (MDS).

Parkinson Study Group (PSG)

2006 –09 Annual Symposium Organization Committee

2007 – Cognitive Study Group PSG

2008 – Motor manifestations Study Group PSG

2011 Co-Chair, Motor manifestations Study Group PSG

2012 – 2015 Chair, Motor manifestations Study Group PSG

2014 – 2016 Credentials Committee

2013 – Principal investigator, 3 national PSG studies

2020 – Member, PSG Steering Committee

Parkinson’s Foundation (PF)

2005 Symposium Organization Committee

2009 – 2015 Steering committee Quality Improvement Initiative

2018 – Steering committee PF Genetic Initiative

International Association Parkinsonism and Related Disorders (IAPRD)

2010 – Elected member

2012 Course Director. Visiting Professorship. Parkinson’s disease and other movement disorders. Tanzania. Sponsored by WFN (February 2012)

2017 Invited speaker and session Co-Chair

2017 Member, Scientific Program executive committee for the 2018 Congress (Lyon)

2018 – 2019 **Chair**, Scientific Program executive committee for the 2019 Congress (Montreal)

2019 – 2020 Member, Scientific Program executive committee for the 2020 Congress (virtual)

2021 – Member, Scientific Program executive committee for the 2022 / 2023Congress

Parkinson’s World Congress

2009 Abstracts reviewer for the annual International Association for Parkinsonism and Related Disorders

2012 Member, Educational Committee

2015, 2017, 2019 Invited Speaker

2019 – Chair, Fundraising committee

2021 Invited Speaker

Michael J Fox Foundation

2016 – 2017 MJFF. Executive Scientific Advisory Board Member (ESAB)

2018 – MJFF Therapeutic Pipeline Program (TPP) Advisory Committee

2016 – 2022 MJFF Therapeutic Pipeline Program (TPP) grants reviewer (5 year commitment, 2 cycles/year)
2021 – MJFF. Adviser regarding grants policy and procedures on Diversity, Equity and Inclusion
2022 – MJFF Advisory Panel, Clinical outcomes assessments, Chair

Data and Safety Monitoring Board (DSMB)
2022 – Member, Neurocrine

EXTERNAL PROFESSIONAL LEADERSHIP AND SERVICE

2004 – 2009 Data Safety Monitoring Board. Study of efficacy and safety of cortical stimulation patients with essential tremor. Northstar.
2006 – 2009 Data Safety Monitoring Board. Study of efficacy and safety of cortical stimulation patients with depression. Northstar.
2006 – Medical Adviser. Parkinson Alliance IL
2006 – 2010 Member of the Executive Educational Committee. We Move Online educational and CME website on movement disorders. Supervised design of the resident's online movement disorders educational curriculum.
2007 – 2010 Steering Committee. PRAMIBID MultiCenter Clinical Trial. PSG
2010 – 2015 Steering Committee NIH NET-PD study (Neuroprotective initiative in Parkinson's disease)
2009 – 2015 Steering Committee. National Parkinson Foundation. Quality improvement initiative.
2011 – Steering Committee. Parkinson's Progression Biomarker Initiative study (PPMI). Sponsored by the MJFF
2013 – Steering Committee. STEADY-PD III – Study Principal Investigator , Steering Committee
2013 – 2015 Steering Committee. FS-ZONE Study Principal Investigator, Steering Committee
2014 – 2015 NEC Executive Committee. Neuro NEXT NINDS Consortium
2017 – Data Safety Monitoring Board. An Open-label Safety and Efficacy Study of VY-AADC01. Voyager.
2018 – Steering Committee. AT HOME PD – Study Co-Principal Investigator, Steering Committee
2019 – Executive Steering Committee (one of four co- leaders). Parkinson's Progression Biomarker Initiative study (PPMI 2.0). Sponsored by the MJFF
2018 – Scientific Advisory Committee Sanofi US Services Inc.
Multicenter, Randomized, Double-Blind, Placebo Controlled Study of GZ/SAR402671 in Patients with Early-Stage Parkinson's Disease Carrying a GBA Mutation
2018 – Scientific Advisory Committee NeuroDerm, Ltd. Prot# ND0612H-012, a Solution of Levodopa/Carbidopa Delivered Via a Pump System as a Continuous Subcutaneous Infusion in Subjects with Advanced Parkinson's Disease
2021 – 2022 4D Pharma. Steering Committee. The First In Human Trial of MRx0029 and MRx0005 in patients with Parkinson's Disease
2021 – Coordinating National Principal Investigator. PD0053 Orchestra trial UCB
2021 – Coordinating National Principal Investigator. PADOVA trial, Roche
2021 – Critical Path Parkinson's Consortium (Government Industry partnership on development of standardized approaches to clinical trials . Adviser
2021 – NINDS Common data Elements (CDE) Parkinson's Disease v2.0 Working Group **Co-Chair**
2025 – International Scientific Committee Member, French NS Park Network

EDITORSHIPS / EDITORIAL BOARD SERVICE

2015 – Annals of Clinical Translational Neurology (ACTN) journal, ANA
2017 – Associate editor, Movement Disorders
2018 – Associate editor. Parkinsonism and related disorders
2018 – Invited editor, Current Neurology and neuroscience reports, Movement disorders section

2018 – Invited editor, Journal of Parkinson’s Disease, Clinical Trials Corner (3 publications / year)

MANUSCRIPT REVIEW RESPONSIBILITIES

Annals of Neurology, European Journal of Neurology, Expert Review of Clinical Pharmacology, Frontiers in Bioscience, Future Neurology, JAMA Neurology, Journal Neuroscience, Journal of Clinical Investigation, Journal Parkinson Disease, Lancet Neurology, MEDSCAPE, Mount Sinai Review, Movement Disorders, Neurodegenerative Disease Management, Neurology, Neurotherapeutics, New England Journal of Medicine, Oxford Academic: Brain, Parkinsonism and Related Disorders, Science Translational Medicine, Thomson Reuters' Drug Profiles

GRANT REVIEW RESPONSIBILITIES

National, International

2008 – 2009 Reviewer, Grants, Research Grants Council, Hong Kong, China
2008 NIH Member Conflict Special Emphasis Panel. Grants Reviewer October and June 2008
2009 NIH Member Conflict Special Emphasis Panel. Grants Reviewer; February 2009
2011 NIH Member Conflict Special Emphasis Panel. Grants Reviewer; June 2011 review cycle.
2009 –2011 Reviewer, Grants, MJFF
2012 Chair, Review committee, The Edmond J. Safra Core Programs for PD Research Grants, MJFF
2012 Reviewer. National Institute of Health SBIR Review. March.
2012 Ad Hoc reviewer panel SBIR applications of an NIBIB RFA entitled “Development and Translation of Medical Technologies that Reduce Health Disparities (SBIR [R43/R44].”
2013 Ad Hoc reviewer panel SBIR applications of an NIBIB RFA entitled ETTN-10 Small Business Review Panel, CSR, NIH
2014 Reviewer, SBIR applications for an NIH RFA entitled “Development and Translation of Medical Technologies that Reduce Health Disparities (SBIR [R43/R44].” September 18, 2014.
2015-2016 Reviewer, Grants, MJFF
2015 Committee Member. 3rd Annual International Conference on Neurosciences and Neurobiology Research (CNN 2015). Bangkok, Thailand. October 26-27, 2015.
2016 NIH Center for Scientific Review 201605 CNN Study Section. February 3-4, 2016. San Francisco, CA
2016 NIH Reviewer. 2016/08 ZNS1 SRB-T (20). Biomarkers for Lewy Body Dementias
2016 NIH Reviewer. 2016/10 ZNS1 SRB-T (18). Parkinson’s Disease Biomarker Program Discovery Projects
2017 – Present Reviewer, Grants, MJFF. Therapeutic Pipeline Program
2018 – Present Review Section, Department of Defense, Parkinson’s research program, PRP initiative (Annually)
2021 Reviewer, National Institute of Neurological Disorders and Stroke, Udall Centers of Excellence Award

Institutional, Local

2010 – 2014 Reviewer, Paul Ruby Foundation for Parkinson’s Research Grants Initiative
2015 – 2017 Chair, Paul Ruby Foundation for Parkinson’s Research Grants Initiative
2011 – Chair, Parkinson’s Disease Advisory Council Grants Initiative, NU FSM
2015 – 2017 Reviewer. Northwestern University Clinical and Translational Sciences Institute (NUCATS) Multidisciplinary Mentored Career Development Program (KL2) Program. Northwestern University. Chicago, IL.
2014, 2015, Reviewer, Dixon Translational Research Grant Initiative, NU FSM
2017, 2018, 2019
2022 Reviewer NUCATS COVID junior investigator awards

TEACHING EXPERIENCE (selected)

2001 – 2014 Responsible for the Core Educational curriculum for the Neurology residents

- 2000 – 2015 Annual Lecture on Movement Disorders for the Neurology residents as part of the Neurology Basic Science lecture curriculum
- 2000 – 2007 Annual Lecture on Movement Disorders for the NUIN graduate students class as part of the lecture curriculum
- 2001 – 2013 Annual Lecture on Movement Disorders for the M2 class as part of the Neurology lecture curriculum
- 2001 – 2013 Annual Lecture on Movement Disorders for the geriatric fellows as part of the lecture curriculum
- 2001 – 2013 Annual Lecture on Movement Disorders for the geriatric psychiatry fellows as part of the lecture curriculum
- 2013 – 2018 Annual Lecture on Movement Disorders for the school of physician assistants FSM as part of the lecture curriculum
- 2013 – 2018 Annual Lecture on Movement Disorders research strategies for the school of physical therapy FSM as part of the research boot camp
- 2001 – Annual participation in the neurology core clerkship curriculum
- 2006 – 2015 Course Director. National Association of Consulting Pharmacists. Management of Parkinson's disease and other movement disorders. Mini-fellowship (course given twice annually)
- 2004 – 2009 Course Co-Director. Annual Symposium on Parkinson's disease and Multiple Sclerosis for the residents. Attended by 20-30 residents from 6 states.
- 2001 – 2021 Program Chair. Annual patient education symposium on Parkinson's disease and other movement disorders (current attendance > 300 patients)
- 2014 – Director, Parkinson's Disease & Movement Disorders Center Seminar Series, Northwestern University Feinberg School of Medicine, Chicago, IL

Undergraduate Summer Students	
2011	Katherine Gordon
2011	Yekaterina Alnikova
2012	Ryan Brooks
2013	Alvin Singh
2013	Jared Weingart
2013	Abby Lagunov
2013 – 2014	Paulina Gonzalez Latapi
2015	Andrew Posen
2015	Mara Dubnow
2016	Tea Garibovic
2016	Matt Posen
Pre-Medical Students	
Michael Belmonte, Danielle Tan, Brad Schifrien, Elise Johnson, Tom Bielawiec, Mehul Gilani	
Residents	
2017	Roneil Malkani, MD
2017 – 2018	Adam Margolis, MD
	Danielle Larson, MD
2018	Paulina Gonzalez Latapi, MD
	Margaret Yu, MD
	Sean Shetty
2019	Ornella Dubaz, MD
	Jennifer Smith, MD
2019 – 2020	Leonard Sokol, MD
2020	Sarah Brooker, MD, PhD
R25 trainees	

2012 – 2014	Daniela Menichella, MD, PhD
2015 –	Tracey Gertler, MD, PhD
2016 –	Jonathan Brent, MD, PhD
2017 –	Neil Nadskarni, MD
2018 –	Divakar Mithal, MD, PhD
2018 –	Scott Adney, MD, PhD
2019	Behnam Sabayan, MD, PhD
2020	Rafal Sobota, MD, PhD
2020 –	Lenard Sokol, MD
2020 –	Sarah Brooker, MD, PhD
Clinical Fellows	
2010 – 2011	Roneil Malkani, MD
2011 – 2013	Odinachi Oguh, MD
2013 – 2014	Danny Bega, MD
2014 – 2015	Mahesh Padmanaban, MD
2015 – 2017	Yasaman Kianirad, MD
2016 – 2017	Kenny Tan, MD (Malaysia)
2017 – 2019	Neha Prakash, MD
2018 – 2020	Danielle Larson, MD (NeuroNEXT fellow)
2019 – 2021	Neil Shetty, MD (Safra Foundation fellow)
2019 – 2021	Niccolo Mencacci, MD, PhD (Parkinson Foundation fellow)
2020 – 2022	Jennifer Smith Adrissi, MD (NeuroNEXT fellow)
2021 – 2022	Behzad Elahi, MD, PhD
2021 – 2023	Sushma Kola, MD
2022 – 2024	Sarah M. Brooker, MD, PhD
2022 – 2024	Ignacio Keller-Sarmiento, MD, PhD
2023 – 2024	Juan Gonzalez Deliz, MD
2023 – 2024	Mariana Hernandez Gonzalez-Monje, MD
2024 –	Lucy Anne Morse, MD
2024 –	Jacob Yomtoob, MD
Postdocs	
2010 – 2011	Minji Wu
2014 – 2019	Miriam Rafferty
2015 – 2017	Ajay Kurani
2017	Tara Jones Thesis Committee
2017 – 2020	Jordan Mannis
International visiting scholars	
2019	Lucia Riccardi, MD PhD (Great Britain)
2019-2022	Ignacio Sarmiento, MD (Italy)

GRANTS AND SPONSORED AWARDS

A. Current (dates reflect current fiscal year, most grants expand multi-year funding)

U24NS107213

NINDS

Clinical Research Sites for the Network of Excellence in Neuroscience Clinical Trials

NeuroNEXT

Role: Site Principal Investigator

08/2023 – 06/2028

MJFF-025410 AMD 4 Michael J. Fox Foundation for Parkinson's Research Parkinson's Progression Markers Initiation (PPMI) 2.0 Role: PI	08/10/2020 – 07/31/2033
R01NS126933-01A1 MGH/NINDS AT-HOME-PD (Assessing Tele-Health Over Multiyear Extensions of PD trials) Role: Steering Committee (Multiple PIs)	05/2023 – 04/2028
ND0612H-012 Syneos Health/NeuroDerm A Multicenter, International, Open-Label, Safety Study of ND0612, a Solution of Levodopa/Carbidopa Delivered Via a Pump System as a Continuous Subcutaneous Infusion in Subjects with Advanced Parkinson's Disease Role: PI	09/2016 – 09/2025
MJFF-021084 Michael J. Fox Foundation for Parkinson's Research A novel digital endpoint for detecting symptom changes in vocal tremor and speech prosody associated with Parkinson's Disease Role: PI	01/2022 – 07/2025
Prot: PRV-PD101 Prevail Therapeutics A Phase 1/2a Study to Evaluate the Safety of PR001A in Patients with Parkinson's Disease with at Least One GBA1 Mutation Role: PI	07/05/2019 – 07/05/2025
MJFF-021980 The Michael J. Fox Foundation The Edmond Safra Fellowship training in movement disorders Role: Principal investigator, mentor for 2023-2025 fellow	04/01/2022 – 06/30/2025
R25 NS070695 NINDS Research Education Programs for Trainees in Neurology Role: Co-Principal Investigator (4 trainees)	07/01/2020 – 06/30/2025
MJFF-025347 The Michael J. Fox Foundation 2024-2025 PPMI Senior Leadership Award Role: PI	07/2024 – 06/2025
MJFF-025701 The Michael J. Fox Foundation 2024-2025 P2P Senior Leadership Award Role: PI	07/2024 – 06/2025

MJFF-021980 The Michael J. Fox Foundation The Edmond J. Safra Fellowship in Movement Disorders – Class of 2025 Role: PI	04/2022 – 06/2025
BP39529 Syneos Health/Roche A Randomized, Double-Blind, Placebo-Controlled, 52-Week Phase II Study to Evaluate the Efficacy of Intravenous RO7046015 (PRX002) in Participants with Early Parkinson's Disease with a 52 Week Blinded Extension (Pasadena) Protocol Number: Role: PI	05/2017 – 05/2025
P-163-PO28000007864//R01AG059417 NIA Trial of Parkinson's And Zoledronic Acid (TOPAZ) Role: PI	10/14/2020 – 02/28/2025
 <u>B. Completed grants: (last 7 years) Completed grants: (last 7 years)</u>	
MJFF-023420 The Michael J. Fox Foundation Assessment of the stability of the Alpha-Synuclein Role: Co-Investigator	09/01/2023 – 09/30/2024
MJFF15875 The Michael J. Fox Foundation Parkinson's Progressive Markers Initiative (Steering Committee) Role: Steering Committee Member	01/01/2015 – 03/31/2024
MJFF-024280 The Michael J. Fox Foundation PD Endpoints Advisory Committee Role: PI	06/01/2023 – 06/01/2024
PF-COE-125274 Parkinson's Foundation FY24 Center of Excellence Role: PI	12/01/2023 – 11/30/2024
Prot# BP39529 Roche/Syneos Health A Randomized, Double-Blind, Placebo-Controlled, 52-Week Phase II Study to Evaluate the Efficacy of Intravenous RO7046015 (PRX002) in Participants with Early Parkinson's Disease with a 52 Week Blinded Extension (Pasadena) Role: PI	05/02/2017 – 05/02/2024
Prot#NLY01-PD-1 Neuraly/Rho Multicenter, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Efficacy, Safety, and Tolerability of 36 Weeks of Treatment with NLY01 in Early-stage Parkinson's Disease	08/11/2020 – 03/24/2024

Prot#N2H-01D0612 NeuroDerm, Ltd. Prot# ND0612H-012: A Multicenter, International, Open-Label, Safety Study of ND0612, a Solution of Levodopa/Carbidopa Delivered Via a Pump System as a Continuous Subcutaneous Infusion in Subjects with Advanced Parkinson's Disease Role: Site PI	04/09/2016 – 09/26/2023
NIH U01NS080818 NINDS Clinical Coordination Center for STEADY-PD3 Role: Principal Investigator	04/01/2014 – 03/31/2022
Foundations Agreement Signed 7/16/19 Parkinson's Foundation, Inc. Generation Parkinson's Disease (PD Gene) Award#417547G Role: Principal Investigator and Steering Committee member	01/01/2019 – 12/31/2023
MJFF14535 The Michael J. Fox Foundation Fox BioNet Role: Principal investigator	03/16/2018 – 07/31/2023
DI-2019C2-17499 Patient-Centered Outcomes Research Institute Supplemental Support for Champions of Palliative Care Role: PI	01/01/2022 – 06/30/2023
PF-COE-PC-2215 Parkinson's Foundation, Inc. Implementing Team-based Outpatient Palliative Care in Parkinson Foundation Centers of Excellence Role: PI	07/01/2022 – 06/30/2023
14618 Michael J. Fox Foundation for Parkinson's Research The Parkinson's Progression Markers Initiative Role: PI	08/09/2010 – 09/30/2023
MJFF18240 The Michael J. Fox Foundation Fox Genetic Network Role: Principal Investigator	05/01/2019 – 07/31/2022
University of Rochester WATCH PD Role: Site Principal Investigator	04/01/2019 – 05/31/2022
Industry Prot# 228PD201	09/01/2017 – 12/31/2022

Biogen/IQVIA

A Multicenter, Randomized, Double-Blind, Placebo-Controlled Study of the Safety, Pharmacokinetics, and Pharmacodynamics of BIIB054 in Subjects with Parkinson's Disease

Role: Site PI

Agreement 4/24/17

03/01/2017 – 12/31/2020

The Michael J. Fox Foundation

A Randomized, Double-Blind, Placebo-Controlled, Phase IIa, Parallel Group, Two-Cohort Study to Define the Safety, Tolerability, Clinical and Exploratory Biological Activity of the Chronic Administration of Nilotinib in Participants with Parkinson's Disease (PD)

Role: National Principal Investigator (25 sites)

Prot#ND0612H-006

Neuroderm, Ltd.

09/01/2016 – 09/26/2019

A Multicenter, Parallel-Group, Rater-Blinded, Randomized Clinical Study Investigating the Efficacy, Safety, Tolerability and Pharmacokinetics of 2 Dosing Regimens of ND0612H, a Solution of Levodopa/Carbidopa Delivered via a Pump System as a Continuous Subcutaneous Infusion in Subjects with Advanced Parkinson's Disease

Role: Principal Investigator

Study No. 16779A

H. Lundbeck A/S

04/05/2016 – 07/06/2019

Interventional, Open-Label, Exploratory Study Investigating the Safety, Tolerability, Pharmacokinetics, and Efficacy of Lu AE04621 and the Active Metabolite Lu AA40326 After Ascending Oral doses of Lu AE04621 in Patients with Parkinson's Disease

Role: Principal Investigator

CVT-301

01/05/2015 – 01/05/2018

Civitas Therapeutics, Inc/INC Research, LLC

A Phase 3, Randomized, Double-blind, Placebo-Controlled Study Investigating the Efficacy and Safety of CVT 301 (Levodopa Inhalation Powder) in Parkinson's Disease Patients With Motor Response Fluctuations (OFF Phenomena)

Role: Sub-I

SYN120-CL03

01/01/2015 – 01/01/2018

Biotie Therapies, Inc./MGH

Efficacy of a fixed dose of SYN120 on cognition as determined by the Cognitive Drug Research Computerized Cognition Battery (CDR) Continuity of Attention in patients with PDD treated with a stable dose of a cholinesterase inhibitor.

Role: site PI

INVITED TALKS

A. International

- 2017 Invited Speaker, 12 Congress International Association for Parkinsonism and Related Disorders. Nov 12-15, 2017. Ho Chi Minh City, Vietnam
- 2018 Invited Speaker, "Biomarkers for PD clinical trials". ADPD satellite symposium. March 15-18, 2018. Torino, Italy.
- 2018 Invited Speaker. "Controversies in Neurology symposium. Is physiotherapy effective in functional movement disorders?" March 21-24th, 2018. Warsaw, Poland.
- 2018 Invited Speaker. "Drug Development, Clinical Trials and Trial Design: aggregation inhibitors. AAT-AD/PD Focus". ADPD 2018. March 15, 2018. Torino, Italy.

- 2018 Invited Speaker. "Is physiotherapy helpful in functional motor disorders?" CONy 2018 March 22-25, 2018. Warsaw, Poland.
- 2018 Invited Speaker. "Should PD Psychosis be treated early with antipsychotics?" CONy 2018 March 22-25, 2018. Warsaw, Poland.
- 2018 Invited Speaker. "Disease modification in PD. Where do we stand". 13 Congress International Association for Parkinsonism and Related Disorders. Platform. August 19-22, 2018. Lyon, France.
- 2019 Invited Speaker. "PPMI genetic non-manifest cohort: what can we learn?" Tel Aviv Medical Center March 19, 2019. Tel Aviv, Israel.
- 2019 Invited Speaker. "Plenary session. Biomarkers in PD clinical trials". 14 Congress International Association for Parkinsonism and Related Disorders. June 2019. Montreal, Canada.
- 2019 Invited Speaker. "Digital technology in PD clinical trials". World Parkinson Congress (WPC). June 2019. Kyoto, Japan.
- 2019 Invited Speaker. "Antihypertensive agents in Parkinson's disease: drug repurposing". International Movement Disorders Congress (MDS). September 2019. Nice, France.
- 2020 Invited Speaker. "A new horizon: how will slowing disease progression in Huntington's and Parkinson's Disease transform patient care?" International Parkinson's and Movement Disorder Society Virtual Congress 2020. September 2020. Nice, France.
- 2020 Invited Speaker. "Targeting α -synuclein to slow the progression of PD". International Parkinson's and Movement Disorder Society Virtual Congress 2020. September 2020. Nice, France.
- 2020 Invited Speaker. "Update on Recent Clinical Trials". Parallel session. International Parkinson's and Movement Disorder Society Virtual Congress 2020. September 2020. Nice, France.
- 2020 Invited Speaker. "NILO_PD study American Academy of Neurology". AAN Virtual Science in the clinic meeting. September 24, 2020.
- 2020 Invited Speaker. "Clinical Genetic Testing for Parkinson's Disease: What, When and How" ANA 2020 Annual Meeting, Virtual Meeting. October 2020.
- 2020 Invited Speaker. "The Future of Parkinson's Disease: Genetic Targets and Emerging Therapeutic Pathways." 2020 Annual Meeting American Academy of Neurology (Virtual). October 2020.
- 2021 Invited Speaker. "Parkinson's Disease: Update on Recent Clinical Trials". AAN 2021, Annual Meeting. April 19, 2021 (virtual)
- 2021 Invited Speaker. "Drug repurposing: Nilotinib, Exenitide, Inosine". MDS-PAS New and Emerging Therapies in Parkinson's Disease and Other Movement. April 21, 2021 (virtual)
- 2021 Invited Speaker. "What does the future hold to slow the disease?". World Parkinson's Congress 2021. May 17th, 2021 (virtual)
- 2021 Invited Speaker. "Parkinson's Disease: Update on Recent Clinical Trials" Path to Prevention in Parkinson's disease. April 8, 2021 (virtual)
- 2021 Invited Speaker. "Newest therapies update in Parkinson's and Huntington's disease" Movement Orders Today. November 12, 2021. Kiev, Ukraine (virtual).
- 2021 Invited Speaker. "Predicting the progression of PD" 2021 International Conference of Korean Movement Disorder Society. December 10, 2021. Seoul, Korea (virtual).
- 2022 Invited Speaker. "GBA and LRRK2 targeting therapies: rationale and trial update". International Parkinson and Movement Disorder Society Congress 2022. May 1-4 2022. Prague, Czech Republic.
- 2022 Invited Speaker. "Are we ready for PD prevention studies: PPMI experience." McGill University Grand Rounds and Killiam Lecture Series. December 6 & 7, 2022. Montreal, Canada.
- 2023 Invited Speaker. "Are we ready for Parkinson's prevention studies." Neurodegenerative Diseases Clinical Laboratory (National Institute of Neurology and Neurosurgery) Visit. February 8 2023. Mexico City, Mexico.
- 2023 Invited Speaker. "Synuclein toxicity is the core (No) element of PD". CONy, March 24, 2023. Dubrovnik, Croatia
- 2023 Invited Speaker. "Should RBD patients be told re PD risk". CONy, March 24 2023. Dubrovnik, Croatia

- 2023 Invited Speaker. "Are we ready for Parkinson's prevention studies?". University of Toronto Grand Rounds. May 12, 2023. Toronto, Canada.
- 2023 Presenter. "Path To Prevention (P2P) Therapeutics Platform Trial in Biomarker Defined Prodromal Parkinson's Disease: Study Design". International Congress of Parkinson's Disease and Movement Disorders, August 28, 2023. Copenhagen, Sweden.
- 2023 Invited Speaker. "Becoming a Clinical Trialist: Establishing a Collaborative Partnership with Industry and Foundations". International Congress of Parkinson's Disease and Movement Disorders, August 30, 2023. Copenhagen, Sweden.
- 2024 Invited Speaker. "Is The Alpha-synuclein Seed Amplification Assay (SAA) A "Game Changer"? International Congress of Parkinson's Disease and Movement Disorders Pan American Section, February 11, 2024. Cartagena, Colombia.
- 2024 Invited Speaker. "A Biological Definition and Research Integrated Staging System of Neuronal A-Synuclein Disease: Staging of the PPMI Cohort." AD/PD 2024, March 9, 2024. Lisbon, Portugal.
- 2024 Invited Speaker. "Is our current obsession with alpha synuclein distracting us from finding the cure for PD?". World Congress on Parkinson's Disease and Related Disorders, April 23, 2024. Lisbon, Portugal.
- 2024 Invited Speaker. "A biological definition of neuronal α -synuclein disease: towards an integrated staging system for research". STRADA ExperienceON, June 7, 2024. Madrid, Spain.
- 2024 Invited Speaker. "A biological definition of Parkinson's Disease". Slovenian Neurology Association. September 3, 2024. Ljubljana, Slovenia.
- 2024 Invited Speaker. "Neurobiology to Define and Stage Movement Disorders: From the Huntington's Disease Experience to the Parkinson's Disease Onset." November 20, 2024. Valencia, Spain.
- 2025 Invited Speaker. "A biological definition and Research Integrated Staging System of Neuronal A-Synuclein Disease". International Lewy body dementia conference. January 30, 2025. Amsterdam, Netherlands.

B. National

- 2018 Co-Chair AAN 2018 Annual Meeting. "Movement Disorders: Parkinson's Disease Clinical Trials" Los Angeles, CA. April 24, 2018.
- 2018 Invited Speaker MJFF Industry Summit – Trial Design for Disease Modification. "Standard Disease Progression Trials" New York City June 13, 2018
- 2018 Invited Speaker The Parkinson's Disease Education Course for Industry Professionals. "Disease-Modifying Treatments including Outcome Measures". MDS-PAS. Miami, FL June 21, 2018
- 2018 Invited Speaker Sunovion Symposium at MDS-PAS "Treatment options and approaches for OFF states in Parkinson's Disease" Miami, FL. June 22, 2018
- 2018 Invited Speaker IAPRD World Congress. Corporate Session. "Debating OFF Phenomenon in Parkinson's Disease" Lyon, France August 19-22, 2018
- 2018 Invited Speaker Michael J. Fox Foundation (MJFF) Research Advocacy Meeting and Hill Day. Washington, DC Sept 12-13, 2018
- 2019 Invited Speaker Michael J. Fox Foundation (MJFF) LRRK2 Meeting. New York City April 25, 2019 Characteristics of the LRRK2 non manifest PPMI cohort
- 2019 Invited Speaker Michael J. Fox Foundation (MJFF) PPMI meeting. New York City May 1, 2019 Characteristics of the LRRK2 and GBA non manifest PPMI cohorts
- 2019 Invited Speaker Jane Wright Symposium "Pipeline of experimental therapeutics. Why PD community should be optimistic". Philadelphia, Pennsylvania May 3, 2019
- 2019 Co-Chair AAN 2019 Annual Meeting. "Movement Disorders: Parkinson's Disease Clinical Trials session" Philadelphia. May 5, 2019.
- 2019 Invited Speaker AAN 2019 Plenary session at the Annual Meeting. "Clinical Trials Highlights. STEADY –PD 3. Final study results" Philadelphia. May 7, 2019.

- 2019 Invited Speaker AAN 2019 Scientific session at the Annual Meeting. "Biomarkers PD" Abstract with distinction Philadelphia. May 8, 2019.
- 2019 Invited Speaker Michael J. Fox Foundation (MJFF) Therapeutic conference. "Drug repurposing: Hope versus Hype". New York City October 15, 2019.
- 2019 Invited Speaker ACADIA Product Theater (title) Colorado Springs, November 7, 2019.
- 2020 Invited Speaker Penn State Grand Rounds. "Parkinson's disease Quest for neuroprotection Past, present and future". Philadelphia, PA January 2, 2020.
- 2020 Invited Speaker University of Iowa Grand Rounds. "Parkinson's disease Quest for neuroprotection Past, present and future". Iowa City January 7, 2020.
- 2020 Invited Speaker Cornell University Grand Rounds. "Parkinson's disease Quest for neuroprotection. The story of 2 drugs". New York City February 18, 2020.
- 2020 Invited Speaker University of California San Diego Grand Rounds. "Prodromal Parkinson's Disease the Next Frontier". San Diego April 16, 2020.
- 2020 Invited Speaker University of Rochester. Goldberg Family annual distinguished speaker Grand Rounds. "Disease modification Parkinson's Disease the Nee Frontier". Virtual, September 25, 2020.
- 2020 Moderator and co-director. Fifth Annual MDS-PAS Movement Disorders School for Neurology Residents, October 10, 2020 (virtual)
- 2021 Invited Speaker. "Convention vs. Innovation I: Time To Abandon Clinician-Administered Scales As The Primary Outcome Measure Of Symptomatic And Disease Modifying Trials In Parkinson Disease", 8th Annual Shaping the Management of Parkinson's Disease, January 23rd, 2021 (virtual)
- 2021 Invited Speaker. "Genetics in Movement Disorders Research and Care". MJFF Edmond J. Safra Fellowship Webinar, March 25th, 2021 (virtual)
- 2021 Invited Speaker. "Prodromal Parkinson's disease: Are we ready for prevention studies?" University of Alabama, Birmingham Grand Rounds. April 13th, 2021 (virtual)
- 2021 Invited Speaker. "Update in Movement Disorders 3". American Academy of Neurology Annual Meeting. April 19th, 2021 (virtual)
- 2021 Invited Speaker. "Parkinson's Disease and Other Movement Disorders: A Series, the session". MDS-PAS New and Emerging Therapies. April 21, 2021
- 2021 Invited Speaker. "Repurposing Drugs & Immunotherapies". XXVI World Congress on Parkinson's Disease and Related Disorders (Virtual). May 2nd, 2021.
- 2021 Invited Speaker. What does the future hold to slow the disease? World Parkinson's Coalition Virtual Congress 2021. May 17th, 2021.
- 2021 Invited Speaker. "Impact of Functional Aspects of iPD and GBA-PD: Patient and Provider Perspectives Supporting Digital Endpoint Development". European Academy of Neurology 2021, 7th Annual Congress. June 21st, 2021.
- 2021 Invited Speaker. "Promising clinical trials and emerging research in PD". Ask the Doctor Series (Skypass Foundation). August 17th, 2021.
- 2021 Invited Speaker. "Defining LRRK2-PD subsets based on olfactory function in the PPMI". International Parkinson and Movement Disorder Society Virtual Congress 2021. September 17-22nd, 2021.
- 2021 Invited Speaker. "Parkinson Progression Marker Initiative – New Science/New Cohorts". International Parkinson and Movement Disorder Society Virtual Congress 2021. September 17-22nd, 2021.
- 2021 Invited Speaker. "Blindness analyses in STEADY-PD3: a phase III placebo-controlled double-blind randomized trial of Isradipine as a disease modifying agent in early Parkinson Disease". International Parkinson and Movement Disorder Society Virtual Congress 2021. September 17-22nd, 2021.
- 2021 Invited Speaker. "Emergence of new symptoms in experiences of daily living in early Parkinson's disease". International Parkinson and Movement Disorder Society Virtual Congress 2021. September 17-22nd, 2021.
- 2021 Invited Speaker. "Parkinson Disease Tomorrow: Evaluation of New Targets and Formulations"

- Inaugural Movement Disorder Summit (CME), October 30th, 2021.
- 2021 Invited Speaker. "Parkinson's disease modification trials- are we there yet?" Ohio State University Grand Rounds, November 2nd, 2021
- 2021 Invited Speaker. "Patient selection for alpha-synuclein therapeutic trials during a session on clinical trial design", Michael J Fox Foundation Alpha-synuclein Therapeutics Summit, November 3rd, 2021.
- 2021 Invited Speaker & Host. "Parkinson's Disease: Early, Middle and Advanced", MDS-PAS 6th Annual Movement Disorders School for Neurology Residents. November 6th, 2021.
- 2021 Invited Speaker. "Pharmacotherapy and Parkinson's Disease and Dementia". American College of Neuropsychopharmacology Annual Meeting 2021. December 6, 2021.
- 2021 Invited Speaker. "An Update on Parkinson's Disease Psychosis and its treatment". Virtual Winter Psychiatry Update Conference. December 9, 2021.
- 2022 Invited Speaker. "Prodromal LRRK2/GBA clinical and biomarker phenotypes". LRRK2 & GBA in Parkinson's Industry Summit. May 11, 2022
- 2022 Invited Speaker. "Time-to-event approach mitigates the treatment masking effect of symptomatics on -UPDRS Part III". 2022 Parkinson's Study Group Annual Meeting. June 3-5th, 2022.
- 2022 Invited Speaker. "PASADENA (Phase II study evaluating the safety and efficacy of prasinezumab in early-stage Parkinson's disease)". 2022 Parkinson's Study Group Annual Meeting. June 3-5th, 2022.
- 2022 Invited Speaker. "Clinical trials of c-Abl inhibition in Parkinson's". 2022 Grand Challenges in Parkinson's Disease. Virtual. September 28th, 2022.
- 2023 Invited Speaker. "Parkinson's & Medications – What's New". 2023 Parkinson's Foundation Expert Briefing. Virtual. March 8th, 2023
- 2023 Invited Speaker. "Building a consensus conceptual model of meaningful symptoms and impacts in early Parkinson's disease" and "Discussion of next steps for PD-ISS – near and long-term". Michael J. Fox Foundation Staging Alignment Discussion. April 12th, 2023, Washington, DC.
- 2023 Invited Speaker. "A biological classification of Parkinson's: an integrated staging system". April 18th, 2023. Parkinsons Disease Staging Virtual Symposium.
- 2023 Invited Speaker. "A biological classification of Parkinson's: an integrated staging system". MDS Consensus Meeting, April 22nd, 2023. Atlanta, Georgia.
- 2023 Invited Speaker. "Parkinson's disease: What's in the Pipeline". University of Florida Parkinson Symposium. May 13th, 2023, Gainesville, Florida.
- 2023 Invited Speaker. "The first biologic staging paradigm for Parkinson's Disease". Michael J. Fox Foundation: Molecular Biomarkers & Disease Subtyping Workshop 2023. June 13th, 2023, New York, New York.
- 2023 Invited Speaker. "Parkinson's Disease: A biological definition and integrated staging system". Denali Therapeutics Parkinson Disease Forum. August 15th, 2023 (virtual)
- 2023 Invited Speaker. "Neuronal Synuclein Disease: A biological definition and integrated staging system (NSD-ISS)". LBDA Industry Advisory Council (IAC), September 14th, 2023 (virtual)
- 2023 Invited Speaker. "Path to prevention (P2P) trial : study design and status update". Michael J. Fox Foundation 15th annual Parkinson's Disease Therapeutics Conference, October 19th, 2023, New York, New York.
- 2024 Invited Speaker. "Neuronal synuclein disease (NSD): from the concept to implementation in clinical trials. NIH Neuroscience Grand Rounds, March 28, 2024, Bethesda, Maryland. (Virtual)
- 2024 Invited Speaker. "Parkinson's disease in the 21st century: Back to the future?". Penn State Annual Matt Stern Lecture, April 24, 2024, Philadelphia, Pennsylvania.
- 2024 Invited Speaker. "Neuronal Synuclein disease: a research biological definition and integrated staging system (NSD-ISS)". Alzheimer's Association International Conference, July 27th, 2024, Philadelphia, Pennsylvania.
- 2024 Moderator. "The Future of Experimental Therapeutics for Parkinson's Disease", World Congress on Parkinson's Disease and Related Disorders. September 30th, 2024, Philadelphia, Pennsylvania.

2024 Invited Speaker. “What can this data tell us about disease classification, treatment development now and in the future and prognosis?”. December 6, 2024. Nashville, Tennessee.

C. Local

- 2017 Lecturer. CME “Parkinson's Disease: Physiological, Psychosocial, and Practical Rehabilitation Approaches.” Northwestern University, Marion Joy Hospital. Wheaton, IL. April 29, 2017.
- 2017 Program Chair and Speaker. CME program: “Latest update on movement disorders and dementias”. Northwestern Medicine, October 14, 2017.
- 2019 Invited Speaker. “New Frontiers in Research and Care.” Skokie, IL. June 29, 2019
- 2019 Program Speaker. CME program: “latest update on movement disorders and dementias”. Northwestern Medicine, November 16, 2019.
- 2019 Grand rounds. “Prodromal Parkinson’s disease: does it exist?” Northwestern University. August 16, 2019
- 2020 Program Speaker. “Overview of clinical phenotypes of genetic PD common mutations.” Northwestern Parkinson’s Disease Patient and Family Symposium. October 10, 2020
- 2021 Invited Speaker. “Clinical Genetic Testing in PD Are We Ready?” University of Chicago. February 4, 2021
- 2021 CME Director. “Review of Genetically Targeted Therapeutics”. Northwestern University, Clinical Genetic Testing for Parkinson's Disease: Why, When and How? Feb 25, 2021
- 2021 Invited Speaker. “Bleph/Hemifacial Spasm”. Northwestern University. Botulinum Toxin Symposium. September 15th, 2021.
- 2021 Invited Speaker. “Therapeutic Pipeline and Genetics in Early Parkinson’s Disease”. Northwestern University. Parkinson’s Disease Virtual Patient & Family Symposium. October 9th, 2021.
- 2021 Invited Speaker. “The Burgeoning Landscape for PD Therapy: An Update on Clinical Trials”, New Horizons in the Diagnosis and Management of Movement Disorders, Northwestern University, November 3, 2021.
- 2023 Invited Speaker. “Challenges in measuring clinical disease progression in PD: Lessons from PPMI and clinical trials”. World Congress on Parkinson’s Disease & Related Disorders. May 14th, 2023.
- 2023 Invited Speaker. “Challenges and opportunities in measuring clinical disease progression in PD lessons from PPMI and other trials”. World Parkinson’s Congress 2023, May 16th 2023.
- 2024 Invited Speaker. Northwestern University. Parkinson’s Disease Virtual Patient & Family Symposium. “Therapeutics pipeline and research update”, October 19th, 2024.

PUBLICATIONS AND SCHOLARLY WORKS

Original Papers:

1. **Simuni T**, Stern MB Diagnosis and Epidemiology of Parkinson’s Disease: CNS Spectrum 1998; vol 3, No 2:23-35.
2. Colcher A, **Simuni, T**. Clinical Manifestations of Parkinson’s Disease. Medical Clinics of North America. 1999; 83(2): 327-348. PMID: 10093581.
3. **Simuni T**, Stern MB. Does Levodopa Accelerate Parkinson’s disease? Drugs and Aging; 1999: 14: 399-408. PMID: 10408939.
4. **Simuni T**, Stern MB. Questions physicians commonly ask about treating Parkinson’s disease. Consultant 1999; 39(2): 367-381.
5. Alterman RL, Reiter GT, Shils J, Skolnick B, Arle JE, Lesutis M, **Simuni T**, Colcher A, Stern M, Hurtig H. Targeting for thalamic deep brain stimulator implantation without computer guidance: assessment of targeting accuracy. Stereotact Funct Neurosurg. 1999;72(2-4):150-3. PMID: 10853070.
6. Telfeian AE, Boockvar JA, **Simuni T**, Jaggi J, Skolnick B, Baltuch GH. Efficacy of unilateral deep brain stimulation of the thalamic ventralis intermedialis nucleus in a patient with bipolar disorder associated with Klinefelter syndrome and essential tremor. Case report. J Neurosurg. 2000 Jul;93(1):127-8. PMID: 10883915.

7. Boockvar JA, Telfeian A, Baltuch GH, Skolnick B, **Simuni T**, Stern M, Schmidt ML, Trojanowski JQ. Long-term deep brain stimulation in a patient with essential tremor: clinical response and postmortem correlation with stimulator termination sites in ventral thalamus. Case report. *J Neurosurg*. 2000 Jul;93(1):140-4. PMID: 10883919.
8. Alterman, R. L., G. T. Reiter, **Simuni T**. "Targeting for thalamic deep brain stimulator implantation without computer guidance: assessment of targeting accuracy." *Stereotact Funct Neurosurg* 1999;72(2-4): 150-3.
9. Schwalb, J. M., H. A. Riina, **Simuni T**, et al. Revision of deep brain stimulator for tremor. Technical note. *J Neurosurg* 2001 Jun; 94(6): 1010-2. PMID: 11409503.
10. Colcher A, **Simuni T**. Other Parkinson syndromes. *Neurol Clin* 2001 Aug;19(3): 629-49,vii. PMID: 11532467.
11. **Simuni T**, MD, Jurg L. Jaggi, PhD, et al. Bilateral Stimulation of the Subthalamic Nucleus in Parkinson's Disease: A Study of Efficacy and Safety. *J Neurosurgery* . April 2002; 96(4); 666-72. PMID: 11990805.
12. Counelis GJ, **Simuni T**, Forman MS, et al. Bilateral subthalamic nucleus stimulation for advanced Parkinson's disease: correlation of intraoperative MER and postoperative MRI with neuropathological findings. *Mov Disord*. 2003; 18: 1062-1065. PMID: 14502679.
13. **Simuni T**. Somnolence and other sleep disorders in Parkinson's disease: the challenge for the practicing neurologist. *Neurol Clin*. 2004 Oct;22(3 Suppl):S107-26. PMID: 15501360.
14. Curtin KR, Shaibani A, Resnick SA, Russell EJ, **Simuni T**. Rheolytic catheter thrombectomy, balloon angioplasty, and direct recombinant tissue plasminogen activator thrombolysis of dural sinus thrombosis with preexisting hemorrhagic infarctions. *AJNR Am J Neuroradiol*. 2004 Nov-Dec;25(10):1807-11. PMID: 15569752.
15. Ravina B, Putt M, Siderowf A, Farrar JT, Gillespie M, Crawley A, Fernandez H, Trieschmann MM, Reichwein S, and **Simuni T**. Donepezil for dementia in Parkinson's disease: a randomised, double blind, placebo controlled, crossover study. *J Neurol Neurosurg Psychiatry*. 2005 Jul;76(7):934-9. PMID: 15965198.
16. MacKinnon CD, Gilley EA, Weis-McNulty A, **Simuni T**. Pathways mediating abnormal intracortical inhibition in Parkinson's disease. *Ann Neurol*. 2005 Oct;58(4):516-24. PMID: 16178015
17. Videnovic A, Semenov I, Chua-Adajar R, **Simuni T**, Raizer J. Capecitabine-induced multifocal leukoencephalopathy: a report of five cases. *Neurology*. 2005 Dec 13;65(11):1792-4. PMID: 16237130.
18. Siderowf A, Jaggi J, Xie, **Simuni T**, Baltuch G. Long-term effects of bilateral subthalamic nucleus stimulation on health-related quality of life in advanced Parkinson's disease. *Mov Disord*. 2006 Jun;21(6):746-53. PMID: 16463342.
19. Liang, Chou, Baltuch, **Simuni T**, Siderowf A. Long-term outcomes of bilateral subthalamic nucleus stimulation in patients with advanced Parkinson's disease. *Stereotact Funct Neurosurg*. 2006;84(5-6):221-7. PMID: 17063034.
20. Mille ML, Johnson Hilliard, Martinez, **Simuni T**, Rogers. Acute effects of a lateral postural assist on voluntary step initiation in patients with Parkinson's disease. *Mov Disord*. 2007 Jan;22(1):20-7. PMID: 17089421.
21. Videnovic A, **Simuni T**. Managing sleep disorders in Parkinson's disease. *Aging Health*, Feb 2007, vol 3, 1, PP 49-66.
22. Page DB, Weaver F, Wilkie DJ, **Simuni T**. A computerized survey of pain in Parkinson's disease patients: A pilot feasibility study. *Parkinsonism Relat Disord*. 2009. PMID: 19640770.
23. **Simuni T**, Sethi K. Nonmotor manifestations of Parkinson's disease. *Ann Neurol*. 2008;64 Suppl 2:S65-80. PMID: 19127582.
24. **Simuni T**, Lyons, KE, Rajesh Pahwa R et al. Treatment of Early Parkinson's disease. Part I. *Eur Neurol* 2009;61(4):193-205. PMID: 19176960.
25. **Simuni T**, Lyons, KE, Rajesh Pahwa R et al. Treatment of Early Parkinson's disease. Part II. *Eur Neurol* 2009;61(4): 206-215. PMID: 19176961.
26. Mille ML, Hilliard MJ, Martinez KM, **Simuni T**, Zhang Y, Rogers MW. Short-term effects of posture-assisted step training on rapid step initiation in Parkinson's disease. *J Neurol Phys Ther*. 2009 Jun;33(2):88-95. PMID: 19556917.
27. Stegemoller EL, **Simuni T**, MacKinnon C. Effect of movement frequency on repetitive finger movements in patients with Parkinson's disease. *Mov Disord*. 2009 Jun 15;24(8):1162-9. PMID: 19412952.

28. Stegemoller EL, **Simuni T**, Mackinnon CD. The effects of Parkinson's disease and age on syncopated finger movements. *Brain Res.* 2009;1290:12-20. PMID: 19596277.
29. Stegemoller EL, **Simuni T**, Mackinnon CD. Reply: Effect of movement frequency on repetitive finger movements in patients with Parkinson's disease. *Mov Disord.* 2010. PMID: 19412952.
30. Page DB, Weaver F, Wilkie DJ, **Simuni T**. A computerized survey of pain in Parkinson's disease patients: A pilot feasibility study. *Parkinsonism Relat Disord.* 2010 Feb;16(2):139-41. PMID: 19640770.
31. Stegemoller EL, Allen DP, **Simuni T**, MacKinnon CD. Rate-dependent impairments in repetitive finger movements in patients with Parkinson's disease are not due to peripheral fatigue. *Neurosci Lett.* 2010 Sep 20;485(1):1-6. PMID: 20599591.
32. Chou KL, Amick MM, Brandt J, Camicioli R, Frei K, Gitelman D, Goldman J, Growdon J, Hurtig HI, Levin B, Litvan I, Marsh L, **Simuni T**, Troster AI, Uc EY; Parkinson Study Group Cognitive/Psychiatric Working Group. A recommended scale for cognitive screening in clinical trials of Parkinson's disease. *Mov Disord.* 2010 Nov 15;25(15):2501-7. PMID: 20878991.
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38. Friedman JH, Agarwal P, Alcalay R, Black KJ, Chou KL, Cote L, Dayalu P, Frank S, Hartlein J, Hauser RA, Lang AE, Marsh L, Marshall F, Moskowitz C, Ravina B, Riley D, Sanchez-Ramos J, Simon DK, **Simuni T**, Sutton J, Tuite P, Weintraub D, Zesiewicz, Clinical Vignettes in Parkinson's disease: A collection of unusual medication-induced hallucinations, delusions, and compulsive behaviors. *Int J Neurosci.* 2011 Jun 10. PMID: 21663381.
39. Cummings JL, Henchcliffe C, Schaier S, **Simuni T**, Waxman A, Kemp P. The role of dopaminergic imaging in patients with symptoms of dopaminergic system neurodegeneration. *Brain* 2011 Nov; 134(Pt 11):3146-66. Epub 2011 Aug 2. Review. PMID: 21810889
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48. Carta AR, **Simuni T**. Thiazolidinediones under preclinical and early clinical development for the treatment of Parkinson's disease. *Expert opinion on investigational drugs* 2015;24:219-227.
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51. Writing Group for the NET-PD, Kieburtz K, Tilley BC, et al. Effect of creatine monohydrate on clinical progression in patients with Parkinson disease: a randomized clinical trial. *Jama* 2015;313:584-593.
52. Stegemöller EL, Allen DP, **Simuni T**, MacKinnon CD. Motor cortical oscillations are abnormally suppressed during repetitive movement in patients with Parkinson's disease.. *Clin Neurophysiol*. 2015 May 29
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54. NINDS Exploratory Trials in Parkinson Disease (NET-PD) FS-ZONE Investigators. (**Simuni- PI**). Pioglitazone in early Parkinson's disease: a phase 2, multicentre, double-blind, randomised trial. *The Lancet Neurology*. Published Online: 23 June 2015 [formal citation needed. not in pubmed yet]
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59. Kianirad Y, **Simuni T**. Novel Approaches to Optimization of Levodopa Therapy for Parkinson's Disease. *Current neurology and neuroscience reports*. 2016;16(4):34. doi: 10.1007/s11910-016-0635-8. PubMed PMID: 26898686.
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61. Neuro-QoL Health-related Quality of Life Measurement System: Validation in Parkinson's Disease
62. Bega D, Luo S, Fernandez H, Chou K, Aminoff M, Parashos S, Walker H, Russell D, Christine C, Dhall R, Singer C, Bodis-Wollner I, Hamill R, Truong D, Mari Z, Glazmann S, Huang M, Houston E, **Simuni T**, on behalf of the NET-PD LS-1 Investigators. Impact of Depression on Progression of Impairment and Disability in Early Parkinson's Disease. *Movement Disorders Clinical Practice*. 2015; 2(4):371-378. DOI: 10.1002/mdc3.12205.
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Selected Online Publications (peer reviewed):

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2. **Simuni T**. Non motor manifestations of Parkinson's disease. MEDScape CME on line publication. 2010
3. **Simuni T**. Early Interventions in Parkinson's disease. MEDScape CME online publication. 2010
4. Surmeier DJ, **Simuni T**. Neuroprotection in Parkinson's disease. *Frontiers*. Online publication. 2010
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2. **T Simuni**, Fiske B, Merchant K, Coffey C, Matthews H, Wyse R, Brundin P, Simon DK, Schwarzschild MA, Weiner D, Adams J, Venuto C, Trusso L, Baker L, Kostrzebski M, Ward T, Rafaloff G. A Phase 2A Study of Nilotinib in Patients with Advanced and Early Parkinson's disease. Study design. PD Therapeutics Conference (MJFF). New York City. October 25, 2019
3. **T Simuni**, Marek K, Siderowf A, Lafontant DE, Caspell-Garcia C, Coffey C, Mollenhauer B, Tanner C, Kieburztz K, Chahine L, Seibyl J. Longitudinal Characterization of the Clinical and DAT Characteristics of Participants with Scans without Evidence of Dopaminergic Deficit (SWEDDs): PPMI Cohort. American Academy of Neurology Annual Meeting. Philadelphia. May 5, 2019
4. **T Simuni**, Fischer T, Gasser T, Isaacson S, Kulisevsky J, Mir P, Wills AM, Correia Guedes L, Svenningsson P, Waters C, Ji A, Li J, Minini P, Nembo B, Sardi SP, Saubadu S, Sharma J, Peterschmitt MJ. Safety, tolerability and pharmacokinetics of oral venglustat in Parkinson's disease patients with a GBA mutation. American Academy of Neurology Annual Meeting. Philadelphia. May 5, 2019
5. **T Simuni**, Shawen N, Knott J, Lee J, Daeschler D, Jayaraman A. Automatic Scoring of Parkinson's Disease Motor Symptoms Using a Smartwatch. American Academy of Neurology Annual Meeting. Philadelphia. May 6, 2019
6. **T Simuni**, Schneider R, Anthwal S, Kayson E, Omberg L, Tarolli C, Macklin E, Bataille L, Dorsey ER, Mangravite L, Schwarzschild M. Assessing Tele-Health Outcomes in Multiyear Extensions of Parkinson's Disease Trials (AT-HOME PD): Initiation of a Long-Term Observational Study. American Academy of Neurology Annual Meeting. Philadelphia. May 6, 2019
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9. **T Simuni**, Siderowf A, Uribe L, Caspell-Garcia C, Coffey C, Foroud T, Mollenhauer B, Tanner C, Kieburztz K, Chahine L, Marek K. Clinical and imaging characteristics of non-manifest LRRK2 and GBA carriers: The PPMI cohort. American Academy of Neurology Annual Meeting. Philadelphia. May 8, 2019
10. **T Simuni**, Dubaz O, Wu S, Miao G. Changes in Prescribing Practices of Dopaminergic Medications in Individuals with Parkinson's Disease by Expert Care Centers From 2010 to 2017: The Parkinson's Foundation Quality Improvement Initiative (PF-QII). American Academy of Neurology Annual Meeting. Philadelphia. May 9, 2019
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