

Education

Year Degree Field Institution

1990 M.Sc.Pharm. (Cand. Pharm.) Pharmacy University of Iceland, Reykjavik, Iceland.

1997 Ph.D. Pharmacology Loyola University Chicago Medical Center Maywood, Illinois.

Postdoctoral Training

1997-2000 Assistant Research Scientist, Departments of Pathology and Neurology, New York University School of Medicine, New York, New York.

Licensure and Certification

1990 Certificate of Full Registration as a Pharmacist, Iceland, License # 273.

Academic Appointments

2001-2001 Research Assistant Professor of Neurology, New York University School of Medicine, New York, New York.

2001-2008 Assistant Professor of Psychiatry and Pathology, tenure-track. New York University School of Medicine, New York, New York.

2008-2015 Associate Professor of Physiology and Neuroscience, and Psychiatry (tenured 09/2011). New York University School of Medicine, New York, New York.

2015-present Professor of Neuroscience and Physiology, and Psychiatry. New York University School of Medicine, New York, New York.

Other Professional Positions and Visiting Appointments

1990 Pharmacist, The Pharmacy of Akranes, Akranes, Iceland.

1990-1991 Pharmacist, Instructor in Medicinal Chemistry, Department of Medicine, University of Iceland, Reykjavik, Iceland.

06-07/2007 Visiting Professor, Universite de Montpellier II, Montpellier, France.

07/2009 Visiting Professor, Ecole Pratique des Hautes Etudes (EPHE) at Universite de Montpellier II, Montpellier, France.

Awards and Honors

1991 Thor Thors Memorial Fund Fellowship / The American Scandinavian Foundation.

1991-1997 Loyola University Graduate Assistantship.

1994 Alfred Benzon Foundation Award / The Pharmacy of University of Iceland.

1996 Alpha Sigma Nu, Jesuit Honor Society.

1998-1999 New York University, Alzheimer's Disease Center, NIH Pilot Study Grant Award.

2001-2004 Alzheimer's Association, Investigator Initiated Research Grant Award.

2001-2014 NIA, R01 AG020197 Grant Award.

2004-2007 Alzheimer's Association, Investigator Initiated Research Grant Award.

2007-2010 NIDDK, R21 DK075494 Grant Award.

2008-2012 Irma T. Hirschl Career Scientist Award.

2008-2009 Alzheimer's Drug Discovery Foundation Grant Award.
2008-2011 Alzheimer's Association, Zenith Fellow Grant Award.
2008-2023 NIA, R01 AG032611 Grant Award.
2009 Margaret M. Cahn Research Award.
2010-2011 Alzheimer's Drug Discovery Foundation Grant Award.
2010-2015 National Institute on Aging, U01 AG033183 Consortium Grant Award.
2010 McKnight Memory and Cognitive Disorders Award Finalist (9 finalists out of 104 applicants).
2011-2027 NINDS, R01 NS77239 Grant Award.
2016-2017 Michael J. Fox Foundation Grant Award.
2018-2020 NIA, R21 AG058282 Grant Award.
2018-2020 NIA, R21 AG059391 Grant Award.
2020-2022 NIA, R21 AG069475 Grant Award.
2021-2024 NINDS, RF1 NS120488 Grant Award.

Major Committee Assignments

2000-2001 Department of Veterans Affairs, External Grant Reviews.
2000-present Grant Reviewer, the Alzheimer's Association.
2002-present Scientific Advisory Board, Institute for the Study of Aging.
2007 NIH, Special Emphasis Panel, ZRG1 BDCN Y 04.
2008 Technology Transfer Sub-Committee of the Science Leadership Committee at New York University School of Medicine.
2008 Grant Reviewer, the Maryland Technology Development Corporation (TEDCO), University Programs.
2008 Alzheimer's Drug Discovery Foundation (ADDF)/ The Association for Frontotemporal Dementias (AFTD) Partnership Panel Review.
2008 ADDF/Elan Partnership Panel Review.
2009-present ADDF Panel Reviews.
2009 NIH, ZRG1 MDCN-G (02) M Study Section.
2009 NIH, ZRG1 CB-Q (30) Study Section.
2010 NIH, CMND Study Section, February and May meetings.
2010 NIH, ZRG1 MDCN-G(91) Study Section.
2011 NIH, CDIN Study Section, January and June meetings.
2011, 13, 14 Grant Reviewer, Israel Science Foundation.
2011, 12 Grant Reviewer, The French National Research Agency.
2011 NIH, ZRG1 MDCN-F(03) Study Section.
2012 NIH, 2013/01 GDD Study Section.
2012 Grant Reviewer, Foundation for Alzheimer Research, Belgium
2012-present Blas Frangione Foundation Young Investigator Award Committee.
2012 Grant Reviewer, the Alberta Prion Research Institute, Canada.
2012-2019 NYU Comprehensive Center for Brain Aging and Dementia / Cognitive Neurology, Steering Committee

2013-present AFAR National Scientific Advisory Council.
2013 NIH ZRG1 MDCN-N (03) M Study Section.
2013 NIH 2013/10 ZNS1 SRB-N (04) Study Section – EUREKA grants.
2013-2017 NIH, CMND Study Section, Standing Member.
2014 NIH, ZAG1 ZIJ-6 (O1) Study Section.
2014-present Lifeboat Foundation, Advisory board.
2015-present Course Director, Molecular Mechanisms of Neurodegeneration, NYU School of Medicine.
2015-present Service on NYU panels selecting institutional nominees for various awards.
2015-present NYU-Pfizer Center for Therapeutic Innovation - Joint Steering Committee.
2015-present Grant Reviewer, Alzheimer's Society United Kingdom.
2015-present Grant Reviewer, Parkinson's UK.
2015-present Grant Reviewer, Wellcome Trust, United Kingdom.
2015-present Grant Reviewer, Research Councils UK.
2016 NIH, U01 AD Drug Development Review Panel.
2017 Grant Reviewer, Canadian Institutes of Health Research.
2017, 2019 NYU School of Medicine, ad hoc tenure committee.
2017 Grant Reviewer, The Research Foundation - Flanders, FWO, Belgium.
2017 NIH, U01 AD Drug Development Review Panel.
2017 NIH, ZDK1 GRB-S (J2) Study Section.
2017 NIH, ZRG1 BDCN-Q (02) Study Section.
2017 NIH, U01 AD Drug Development Review Panel.
2018 NIH, MDCN N03 Study Section.
2018 NIH, ZDK1 GRB-S (02) Study Section.
2018 NIH, ZRG1 BDCN-Q (02) Study Section.
2018 NIH, ZRG1 BDCN-W (02) Study Section.
2018 NIH, ZRG1 MDCN-E (56) Study Section.
2019 NIH, ZRG1 MDCN-A (56) R Study Section.
2019 NIH, ZNS1 SRB-A (24) Study Section.
2019 NIH, CSR/SSI Anonymization Study Section.
2019 NIH, ZRG1 MDCN-P (56) July Study Section.
2019 NIH, ZRG1 MDCN-P (56) Nov Study Section.
2020 NIH, ZRG1 MDCN-P (56) March Study Section.
2020 NIH, NSD-B June Study Section.
2020-2022, NYU Leon Lewy Fellows Review Committee.
2020 NIH, ZRG1 MDCN-P (56) November Study Section.
2021 NIH, U01 AD Drug Development Review Panel.
2021-present NYU Langone Health Investment Advisory Committee.
2021 NIH, ZRG1 MDCN-P (56) July Study section.
2022 Texas Alzheimer's Research and Care Consortium (TARCC) grant reviewer.
2022 Neurobiology of Disease Editorial Board.
2022 NIH, ZRG1 BDCN-K (02) M June Study Section.

2022 Drugs Editorial Board.
2022 Science Foundation Ireland Progress Review.
2022 NIH, CDIN Oct Study Section.

Editorial Positions

Editorship

2003-2005, 2009-2012, 2016-2018 Editor, *Methods in Molecular Biology, Amyloid Proteins: Methods and Protocols*, 1st, 2nd and 3rd Editions, Humana Press, Springer, Volumes 299, 849 and 1779: 2005, 2012 and 2018.

2010- Editor-in-Chief, *Frontiers in Alzheimer's Disease*, name changed to *Frontiers in Neurodegeneration* (March 2011), Frontiers Media.

Current Editorial Boards

2008-2011, 2014-2016, 2018-2020 Associate Editor, *The Journal of Alzheimer's Disease*, IOS Press

2010- Associate Editor, Specialty Chief Editor, *Frontiers in Neuroscience*. *Frontiers in Psychiatry*, *Frontiers in Neurology*, Frontiers Media.

2017- Review Editor, *Frontiers in Molecular Neuroscience*, Frontiers Media.

2018- Review Editor, *Frontiers in Aging Neuroscience*, Frontiers Media.

2022- *Neurobiology of Disease*.

2022- *Drugs*.

Ad Hoc Journal Reviewer

ACS Chemical Neuroscience, *Acta Neuropathologica*, *Acta Neuropathologica Communications*, *Alzheimer's & Dementia*, *Alzheimer's Research and Therapy*, *Annals of Clinical and Translational Neurology*, *Brain*, *Brain Research*, *Cell Reports*, *Cellular and Molecular Neurobiology*, *Current Alzheimer Research*, *Drugs*, *Drugs & Aging*, *Experimental Neurology*, *Expert Opinion on Biological Therapy*, *Expert Opinion on Emerging Drugs*, *Expert Opinion on Investigational Drugs*, *Expert Opinion on Pharmacotherapy*, *Expert Opinion on Therapeutic Patents*, *Expert Opinion on Therapeutic Targets*, *Expert Review of Neurotherapeutics*, *Expert Review of Vaccines*, *Expert Review of Anti-Infective Therapy*, *Frontiers in Neuroscience*, *Frontiers in Aging Neuroscience*, *Human Molecular Genetics*, *Immunotherapy*, *Investigational Drugs Database*, *Journal of Alzheimer' Disease*, *Journal of Biological Chemistry*, *Journal of Controlled Release*, *Journal of Neuropathology and Experimental Neurology*, *Journal of Neuroscience*, *Lancet*, *Lancet Neurology*, *mAbs*, *Molecular Neurodegeneration*, *Molecular Psychiatry*, *Nature Aging*, *Nature Cell Biology*, *Nature Communications*, *Nature Medicine*, *Nature Protocols*, *Nature Reviews Neurology*, *Neurobiology of Aging*, *Neurobiology of Disease*, *Neurodegenerative Diseases*, *Neuroscience*, *Neuroscience Letters*, *Neurotherapeutics*, *Pharmacology and Therapeutics*, *PLoS One*, *Prion*, *Proceedings of the National Academy of Sciences*, *Progress in Neurobiology*, *Recent Patents on CNS Drug Discovery*, *Science Translational Medicine*, *Scientific Reports*, *Seminars in Cell and Developmental Biology*, *Theranostics*.

Mentoring of Graduate Students, Residents, Post-Doctoral Fellows, Assistant Professors in Research

Under my direct supervision:

Present:

Erin Congdon Res. Asst. Professor 11/11 - present

Yan Lin Res. Asst. Professor 7/13 - present

Changyi Ji Postdoctoral fellow 05/19 - present

Yixiang Jiang Postdoctoral fellow 11/19 - present

Andie Dodge Postdoctoral fellow 10/20 - present

Alejandro Avila Postdoctoral fellow 10-20 - present

Sudershana Nair Postdoctoral fellow 05/21 - present

Amber Tetlow Postdoctoral fellow 05/22 - present

Past: Present Position

Ayodeji Asuni Postdoc 10/03 – 10/06 Principal Investigator

Thorir Sigmundsson Medical Student 01/04 – 05/04 Anesthesiologist

Julie Eng Medical Student 06/04 – 09/04 Med. Doctor

Johanna Ingadottir M.Sc. Pharm Student 01/07 – 05/07 Pharmacist

Ricardo Osario Postdoc 05/09 – 01/10 Assoc. Professor

Anne Bertrand Postdoc 10/08 – 10/10 Radiologist

Krysti Todd NYU Graduate Student 10/09 – 12/09 (rotation) Postdoc

Allal Boutajangout Postdoc. – Res. Ass. Professor 07/05 – 09/12 Assoc. Professor

Sarah Cantor NYU Graduate Student 09/12 – 12/12 (rotation)

Nicolette Cocco NYU Graduate Student 09/12 – 12/12 (rotation)

Pavan Krishnamurthy Postdoc – Instructor 10/07 – 09/13 Chief Operating Officer

Jiaping Gu Postdoc 07/10 – 02/14 Vice President

Devyani Ulja NYU Graduate Student 10/12 – 01/14 (rotation)

Marien Solesio Postdoc 07/13 – 02/14 Assistant Professor

Suhail Rasool Postdoc 02/12 – 08/14 Principal Investigator

Cassidy Reich NYU Graduate Student 10/14 – 12/14 (rotation)

Megan Gautier NYU Graduate Student 01/15-04/15 (rotation)

Dov Shamir NYU Graduate Student-Postdoc 11/11-08/17 Tech Transfer Manager

Senthilkumar Krishnaswamy Asst. Res. Sci. 01/11-01/18 Res. Scientist

Swananda Modak Postdoc 10/14 - 11/19 Res. Scientist

Qian Wu Asst. Res. Sci. 08/15-11/19 Res. Scientist

Yue Ma MS Student 01/17 - 18

Leslie Sandusky-Beltran Postdoc 04/18 - 05/20 Science Officer

Andie Dodge Postdoc 08/20 - 09/21 Res. Scientist

NYU's Honor's Program dissertation committee:

Farrah Sajan Medical Student 04/10

Sarah Ghobraiel 03/12

Ph.D. dissertation committee:

Past:

External Reviewer: Michele Kadnar, NYU Sackler Institute Graduate Student, The Complex Prion Domain of Rnq1 Provides Insight into Transmission Barriers and Prion Strain Formation, 2009.

Committee member: Yung Ji, NYU Sackler Institute Graduate Student, μ MRI Detection of Amyloid Deposits and Therapeutic Approaches for Their Clearance by Inhibition of ApoE/Amyloid- β Interaction in Alzheimer's Disease, 2010.

Committee member: Erika Chang, NYU Sackler Institute Graduate Student, Targeting the Accumulation of Abnormal Protein Conformers as a Therapeutic Approach to Prion and Alzheimer's Diseases, 2011.

Dissertation qualifying exam committee member: Krysti Todd, Sackler Institute Graduate Student, 2011.

Committee Director: Dov Shamir, NYU Sackler Institute Graduate Student, Development of Human Cellular Models and Multiplexing Approaches to Clarify the Mechanism of Action of Tau Immunotherapies for Alzheimer's Disease, 2017.

Committee co-Director: Jessica Chukwu, NYU Sackler Institute Graduate Student, Epitope Conformation and Targeting of Phosphorylated Tau Protein, 2018.

Committee member: Paige Leary, NYU Neuroscience PhD Program.

Present:

Committee member: Chenyang Li, NYU Vilcek PhD Graduate Program.

Committee member: Paul Frazel, NYU Neuroscience PhD Graduate Program.

Other mentoring:

1999- Mentoring students working on laboratory projects for the Intel Prize and the Neuroscience Research Prize, American Academy of Neurology.

2000 Mentoring for the "Minority Undergraduate Summer Collaborative Research Program."

2010- Mentoring for the Sackler Summer Undergraduate Research Program.