

KISHORE V. KUCHIBHOTLA, PhD

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POSITIONS

2026 –	Associate Professor (w/Tenure)	Johns Hopkins University Department of Psychological and Brain Sciences Department of Neuroscience (secondary) Department of Biomedical Engineering (secondary)
2018 – 2025	Assistant Professor	Johns Hopkins University Department of Psychological and Brain Sciences Department of Neuroscience (secondary) Department of Biomedical Engineering (secondary)
2022 –	Member	JHU Kavli Neuroscience Discovery Institute
2023.05	Visiting Professor	University Paris – Cité Saint Peres Institute of Neuroscience Paris, France
2017.09 – 2018.01	Visiting Professor	Ecole Normale Supérieure Group for Neural Theory Paris, France
2012 – 2017	Postdoctoral Fellow	New York University School of Medicine Skirball Institute for Biomolecular Medicine Principal Investigator: Robert C. Froemke
2011.12 – 2012.06	Postdoctoral Fellow	Harvard Medical School Department of Neurology / MGH Principal Investigator: Bradley T. Hyman

EDUCATION

2003 – 2009	Doctor of Philosophy <i>Biophysics</i>	Harvard University Supervisors: Brian J. Bacskai, Bradley T. Hyman Thesis: In vivo calcium imaging in Alzheimer's mice
1998 – 2002	Bachelor of Science, <i>Physics</i> <i>Brain & Cognitive Science</i> <i>Political Science (minor)</i>	Massachusetts Institute of Technology Advisor: Sebastien Seung

AWARDS & HONORS

2024	JHU Discovery Award
2023	JHU Catalyst Award

2023	Young Investigator Award, Advances and Perspectives in Auditory Neuroscience
2022	Artificial Intelligence Technology Center a2 Pilot Award
2022	National Science Foundation CAREER award
2022	Institute for Data Intensive Engineering and Science Seed Funding
2020	JHMI ADRC Junior Faculty Development Award
2020	Rubenstein Accelerator Award
2019	JHU Discovery Award
2018	American Federation for Aging Research Junior Faculty Award
2018	NARSAD Young Investigator Award
2017	Oral Presentation Award, Advances and Perspectives in Auditory Neuroscience
2016	NYU Outstanding Postdoc Award
2015	Oral Presentation Award, Advances and Perspectives in Auditory Neuroscience
2015	COSYNE travel award
2014	Schwartz Fellowship, Cognition Conference (CSHL)
2013	Herb Tabor Young Scientist Award, Journal of Biological Chemistry, AD/PD Conference
2009	Best Paper in Alzheimer's Disease Neuroimaging, International Conference on AD
2008	SciFoo Conference (hosted by Google, Nature and O'Reilly Media)

RESEARCH FUNDING

Current

2025 – 2030	NIH R01DA062689 (PI) Title: The neural basis of abrupt transitions from goal-directed to habitual behavior Amount: \$3.1M
2022 – 2027	NSF CAREER IOS-2145247 (PI) Title: The control of learning rate through multi-timescale cholinergic neuromodulation(PI, Amount: \$900K
2023 – 2026	JHU Catalyst Award (PI) Title: Neuromodulation of brain-wide networks during learning Amount: \$74K
2024 – 2026	JHU Discovery Award (PI) Title: The neural basis of continual learning in the face of early life adversity Amount: \$150K

PUBLICATIONS

JHU

Berlanga, A.E., Kang, G., Kwok, A., Broggin, T., Lawlor, J., **Kuchibhotla, K.V.**, Kleinfeld, D., Mishne, G., Charles, A.S. Fast and accessible morphology-free functional fluorescence imaging analysis. *PLOS Computational Biology* (2026) (*accepted*)

Kim, S.J., Lawlor, J., **Kuchibhotla, K.V.** A shared predictive architecture in the sensory cortex for statistical and reward-based learning. *Current Opinions in Neurobiology* (2026) (*accepted*)

Moore, S., Wang, Z., Zhu., Z., Sun, R., Lee, Y., Charles, A., **Kuchibhotla, K.V.** Revealing abrupt transitions from goal-directed to habitual behavior. *Nature Communications* (2026) (*accepted*)

Lawlor, J., Wohlgemuth, M., Moss, C., **Kuchibhotla, K.V.** Spatially clustered neurons encode vocalization categories in the bat midbrain. *Nature Neuroscience* (2025), 28: 1038-1047

Drieu, C., Zhu, Z., Wang, J., Fuller K., Wang, A., Elnozahy S., **Kuchibhotla K.V.** Rapid emergence of latent knowledge in the sensory cortex drives learning. *Nature* (2025), 641: 960-970

Santi, A., Moore, S., Fogelson, A., Wang, A., Lawlor, J., Burke, K., Lauer, A.M., **Kuchibhotla, K.V.** Revealing hidden knowledge in amnesic mice, *bioRxiv* (2025), <https://doi.org/10.1101/2025.01.09.632026>

Diebold, C., Lawlor, J., Capshaw, G., **Kuchibhotla, K.V.**, Moss, C. Rapid sensorimotor adaptation to auditory midbrain silencing in free-flying bats. *Current Biology* (2024), 34(23): 5507-5517.e3

Zhu, Z. and **Kuchibhotla, K.V.** Performance errors during learning reflect a dynamic choice strategy. *Current Biology* (2024), 34(10): 2107-2117.e5

Press coverage: Times of London (cover); Popular Science; Newsweek

Zhu, F., Elnozahy, S., Lawlor, J., **Kuchibhotla, K.V.** The cholinergic basal forebrain projects a parallel channel of state-dependent sensory signaling to auditory cortex, *Nature Neuroscience* (2023), 26: 810-819

Wang, A., Williams, L., Ogunlade, O., Morales, J., **Kuchibhotla, K.V.** Starting from zero: task learning in completely naïve individuals, *PsyArXiv* (2023). <http://doi.org/10.31234/osf.io/u5btm>

Moore Corona, S., **Kuchibhotla, K.V.** Slow or sudden: re-interpreting the learning curve for modern systems neuroscience, *IBRO Neuroscience Reports* (2022), 13: 9-14

Kuchibhotla, K.V.*, Sten, T.H., Papadoyannis, Fogelston, K., Elnozahy, S., E.S., Kumar, R., Boubenec, Y., Holland, P.C., Ostojic, S., Froemke, R.C. Dissociating task acquisition from expression during learning reveals latent knowledge, *Nature Communications* (2019), 10: 2151

* Corresponding author, Co-senior author, more than half of the data collected at JHU

Kuchibhotla, K.V., Bathellier, B. Neural encoding of sensory and behavioral complexity in the auditory cortex, *Current Opinions in Neurobiology* (2018), 52:65-71

Pre-JHU (first author)

Kuchibhotla, K.V., Gill, J.V, Lindsay, G.W., Papadoyannis, E.S., Field, R., Sten T.A.H., Miller, K.D. Froemke, R.C., Parallel processing by cortical inhibition enables context-dependent behavior, *Nature Neuroscience* (2017), 20(1):62-71

Hattori, R.*, **Kuchibhotla, K.V.***, Froemke R. C., Komiyama, T., Functions and dysfunctions of neocortical inhibitory neuron subtypes, *Nature Neuroscience* (2017), 20(9):1199-1208

*co-first author

Kuchibhotla K.V., Wegmann S., Kopeikina K.J., Hawkes J., Rudinskiy N., Andermann M.L., Spires-Jones T.L., Bacskai B.J., Hyman B.T., Neurofibrillary tangle-bearing neurons are functionally integrated in cortical circuits in vivo. *Proceedings of the National Academy of Sciences* (2014), 111(1):510-4

Dzhala, V.I.*, **Kuchibhotla, K.V.***, Glykys J.C., Kahle K.T., Swiercz W.B., Feng G., Kuner T., Augustine G.J., Bacskai B.J., Staley K.J., Progressive NKCC1-dependent neuronal chloride accumulation during neonatal seizure, *Journal of Neuroscience* (2010), 30(35): 11745-61

*co-first author

Kuchibhotla, K.V., Lattarulo, C.L., Hyman B.T., Bacskai B.J., Synchronous hyperactivity and intercellular calcium waves in astrocytes of Alzheimer mice, *Science* (2009), 323(5918): 1211-5

Kuchibhotla, K.V., Goldman, S.T, Lattarulo, C.L., Wu, H.Y., Hyman B.T., Bacskai B.J., Abeta Plaques lead to aberrant regulation of calcium homeostasis in vivo resulting in structural and functional disruption of neuronal networks, *Neuron* (2008), 59(2): 214-25 [Cover]

Pre-JHU (co-author)

Hudry E., Klickstein J., Cannavo C., Jackson R., Muzikansky A., Gandhi S., Urick D., Sargent T., Wroblewski L., Roe A.D., Hou S.S., **Kuchibhotla K.V.**, Betensky R.A., Spires-Jones T., Hyman B.T., Opposing Roles of apolipoprotein E in aging and neurodegeneration, *Life Science Alliance* (2019), 13:2(1)

Cohen, S.M., Ma, H., **Kuchibhotla, K.V.**, Watson, B.O., Buzsaki, G., Froemke, R.C., Tsien, R.W. (2016), Excitation-transcription coupling in parvalbumin-positive interneurons employs a novel CaM Kinase-dependent pathway distinct from excitatory neurons, *Neuron* (2016), 90(2):292-307

Eikermann-Haerter K., Arbel-Ornath M., Yalcin N., Yu E.S., **Kuchibhotla K.V.**, Yuzawa I., Hudry E., Willard C.R., Klimov M., Keles F., Belcher A.M., Sengul B., Negro A., Rosen I.A., Arreguin A., Ferrari M.D., van den Maagdenberg A.M., Bacskai B.J., Ayata C., Abnormal synaptic Ca(2+) homeostasis and morphology in cortical neurons of familial hemiplegic migraine type 1 mutant mice, *Annals of Neurology* (2015), 78(2):193-210

Rudinskiy N., Hawkes J.M., Wegmann S., **Kuchibhotla K.V.**, Muzikansky A., Betensky R.A., Spires Jones T.L., Hyman B.T. (2014) Tau pathology does not affect experience-driven single-neuron and network-wide Arc/Arg3.1 responses. *Acta Neuropathology Communications* (2014), 2: 63

Glykys, J., Dzhalala, V., Egawa, K., Balena, T., Saponjian, Y., **Kuchibhotla, K.V.**, Bacskai, B.J., Kahle, K.T., Zeuthen, T., Staley, K.J., Local impermeant anions establish the neuronal chloride concentration. *Science* (2014), 343(6171): 670-5

Garcia-Alloza, M., Gregory, J., **Kuchibhotla, K.V.**, Fine, S., Wei, Y., Ayata, C., Frosch M.P., Greenberg, S., Bacskai, B.J. Cerebrovascular Lesions Induce Transient β -Amyloid Deposition, *Brain* (2011), 134(Pt 12):3697-707

Wu, H.Y., Hudry, E., Hashimoto T., **Kuchibhotla K.V.**, Rozkalne A., Fan Z., Spires-Jones T., Xie, H., Arbel-Ornath, M., Grosskreutz, C.L., Bacskai, B.J., Hyman, B.T., Amyloid beta induces the morphological neurodegeneration triad of spine loss, dendritic simplification, and neuritic dystrophies through calcineurin activation. *Journal of Neuroscience* (2010), 30(7): 2636-49

Glykys, J., Dzhalala, V.I., **Kuchibhotla, K.V.**, Feng, G., Kuner, T., Augustine G., Bacskai, B.J. Staley, K.J. (2009). Differences in cortical versus subcortical GABAergic signaling: a candidate mechanism of electroclinical uncoupling of neonatal seizures, *Neuron* (2009), 63(5): 657-71 [Cover]

Wunderlich, Z., **Kuchibhotla, K.V.**, Non-traditional publishing choices can enrich science, *Nature* (2008), 451(7181): 887

Schnee, S., Caselli, P., Goodman, A.A., Arce, H. G., Ballesteros-Paredes, J., **Kuchibhotla, K.V.**, TMC-1C: an accreting starless core, *Astrophysical Journal* (2007), 671: 1839.

Book Chapters

Arbel-Ornath, M., Garcia-Alloza, M., **Kuchibhotla, K.V.**, Spires-Jones, T., Bacskai, B.J. (2011). Two-photon imaging of structure and function in Alzheimer's Disease *in* *Imaging in Neuroscience: A Laboratory Manual*, ed. Fritjof Helmchen, Arthur Konnerth, and Rafael Yuste (Cold Spring Harbor: Cold Spring Harbor Laboratory Press).

Lattarulo, C., Thyssen, D., **Kuchibhotla, K.V.**, Hyman, B.T., Bacskai, B.J. (2011). "Microscopic imaging of intracellular calcium in live cells using lifetime-based ratiometric measurements of Oregon Green

BAPTA-1,” in *Methods in Molecular Biology* (793: 377-89), ed. Giovanni Manfredi and Hbiki Kawamata (New York: Humana Press).

INVITED TALKS

- 2026 Ascona Circuits Meeting (Switzerland, *September 2026*)
- 2026 Max Planck Florida Institute for Neuroscience (*May 2026*)
- 2026 Creighton University – Bellucci Symposium (*May 2026*)
- 2026 McGill University – MNI Killian Seminar (*May 2026*)
- 2026 National Institute for Mental Health (*Spring 2026*)
- 2026 Neuronal Circuits, Cold Spring Harbor Laboratories Meeting (*March 2026*)
- 2026 BonnBrain 2026 (Germany, *March 2026*)
- 2026 Rutgers University – Center for Molecular and Behavioral Neuroscience
- 2025 Acoustical Society of America
- 2025 International Conference on the Auditory Cortex (Netherlands)
- 2025 Sensory Neuroscience, Les Treilles Workshop (France)
- 2025 Ecole Normale Supérieure, Paris (France)
- 2025 University of California, San Francisco – Integrative Neuroscience
- 2025 COSYNE Workshops, Learning Fast and Slow
- 2025 University of Alabama, Birmingham – Department of Psychology
- 2025 Rutgers University – Department of Psychology
- 2024 University of Oxford – Department of Physiology, Anatomy & Genetics (UK)
- 2024 University of Arizona – Department of Neuroscience
- 2024 Quantitative Biology Winter School – ENS Paris (France)
- 2024 Paris Saclay – NeuroPSI, Paris (France)
- 2023 Sainsbury Wellcome Center, London (UK)
- 2023 George Mason University, Washington DC
- 2023 Universite Paris Cite, Paris (France)
- 2023 Ecole Normale Supérieure, Paris (France)
- 2023 University of Cambridge, Cambridge (UK)
- 2023 Pasteur Institute / Audition, Paris (France)
- 2023 University of Edinburgh, Edinburgh (Scotland)
- 2023 Statistical Learning in the Brain, UC-Santa Barbara KITP
- 2022 Max Planck Institute for Brain Research, Frankfurt (Germany)
- 2022 University of Cologne, Cologne (Germany)
- 2022 Max Planck Institute for Biological Intelligence, Munich (Germany)
- 2022 Technical University of Berlin, Berlin (Germany)
- 2022 Leon Levy Symposium, New York University School of Medicine
- 2022 Auditory System Gordon Research Seminar, Keynote Speaker
- 2022 Statistical Physics and Neuroscience, SISSA (Italy)
- 2021 Center for Hearing and Balance, JHMI
- 2020 E.A.R.S. symposium, University of Pennsylvania
- 2020 Neuroscience for Kosovo
- 2020 COSYNE Workshop, Non-Canonical Neural Responses
- 2020 Kavli NDI Chalk Talk, JHU
- 2019 Carnegie Institution for Science
- 2019 Indian Institute of Science, Bangalore, India
- 2019 National Center for Biological Sciences, Bangalore, India

2019 Department of Psychiatry, JHMI
2019 Colorado State University, Neuroscience Program
2018 HHMI - Janelia Research Campus
2018 Auditory Splash, University of Pennsylvania
2018 University of Michigan, Department of Pharmacology and Biophysics
2018 Mind Brain Institute, JHU
2018 Johns Hopkins School of Medicine, Center for Hearing and Balance
2018 Johns Hopkins School of Medicine, Dementia Consortium
2018 Johns Hopkins University Bayview, Geriatric Psychiatry
2018 COSYNE Workshop
2018 École Polytechnique Fédérale de Lausanne, BMI
2018 École Normale Supérieure, LNC
2017 University College London, Gatsby Computational Neuroscience Unit
2017 Institut de neurobiologie de la méditerranée (INMED)
2017 Salk Institute
2017 Albert Einstein College of Medicine
2017 Columbia University, Neuroscience
2017 Northwestern University, Department of Neurobiology
2017 University of Michigan, Molecular, Cellular and Developmental Biology
2017 Harvard Medical School, Mass Eye and Ear, Eaton-Peabody Laboratories
2017 Friedrich Miescher Institute for Biomedical Research
2016 Harvard Medical School, Massachusetts General Hospital
2016 Johns Hopkins University, Psychological and Brain Sciences
2016 Columbia University, Neurology
2016 State of the Brain, 2016 Keystone Symposium
2016 Sense to Synapse
2016 COSYNE 2016, Main Meeting (selected talk)
2016 École Normale Supérieure
2016 Advanced and Perspectives in Auditory Neuroscience, Chicago (selected talk)
2015 Harvard Medical School, Massachusetts Eye and Ear EPL Seminar
2015 King's College London, Maurice Wohl Clinical Neuroscience Institute
2015 Oxford University, Centre for Neural Circuits and Behavior, Neurotheory Forum
2015 University of Edinburgh, Neuroscience Seminar
2015 COSYNE, Workshops, Cortical Circuits in Action

TEACHING

Primary Teaching Responsibilities at JHU

AS.080.305.01, Neuroscience: Cellular and Systems 1

Level: Sophomore Undergraduates, 150-200 students

Fall 2019, 2020, 2021, 2023

Instructor

AS.080.306.01, Neuroscience: Cellular and Systems 2

Level: Sophomore Undergraduates, 150-200 students

Spring 2020, 2021, 2022, 2024

Instructor

AS.200.655, Psychological and Brain Sciences Core Topics

Level: Graduate students

Annual

Co-Instructor (1, 3-week module)

ME.40.812, Neuroscience and Cognition II, JHMI

Level: Graduate Students

Annual

Co-Instructor (1 lecture + homework)

EN580.625, Structure and Function of the Auditory and Vestibular Systems

Level: Graduate Students

Annual

Co-Instructor (1 lecture + homework)

ME.440.820, Circuits and Brain Disorders

Level: MD and Graduate Students

Annual

Co-Instructor (1 lecture + homework)

External Teaching

Computational approaches to memory and plasticity summer course (India)

Level: undergraduate and graduate students

National Center for Biological Sciences; Bangalore, India

2019, one-week competitive course

Quantitative Biology Winter School – Learning and Plasticity in Neuronal Networks (France)

Level: graduate students and postdoctoral fellows

Ecole Normale Supérieure; Paris, France

2024, one-week competitive course

MENTORSHIP AND SUPERVISION

Postdoctoral fellows – current

Dr. Jennifer Lawlor

Dr. Sharlen Corona Moore

Dr. Andrea Santi

PhD Students – current

Aneesh Bal (Psychological and Brain Sciences)

Su Jin Kim (Psychological and Brain Sciences)

Rashi Monga (Psychological and Brain Sciences)

Mohammad Rabiei (Neuroscience)

Cecelia Shuai (Neuroscience)

Zyan Wang (Psychological and Brain Sciences)

Fangchen Zhu (Psychological and Brain Sciences)

Ziyi Zhu (Neuroscience)

PhD rotation students

Manjari Anant (Neuroscience, JHMI)

Mingyuan (Ming) Dong (Neuroscience, JHMI)

Fengtong (Farah) Du (Neuroscience, Janelia)
Tracy Han (Neuroscience, JHMI)
Katie Pham (Neuroscience, MBI)
Elissa Sutlief (Neuroscience, JHMI)
Yotaro Sueoka (Neuroscience, MBI)

Research Technicians, Post-baccalaureates – past

Dr. Kelly Fogelson, 2019-2020, PhD from UCSD, currently an Associate at McKinsey and Company
Sarah Elnozahy, 2019-2021, currently a D.Phil student at Sainsbury Wellcome Center UCL
Aaron Wang, 2020-2022, currently an MD student at University of Pennsylvania
Kylie Fuller, 2021-2022, currently a PhD student at New York University
Lauren Williams, 2022-2023, currently a PhD student at Johns Hopkins University

Undergraduate students – research supervision (alphabetical)

Jordan Amato
Danyal Bhutto
Sarah Elnozahy
Kylie Fuller
Abe Hou
Shivani Kumaresan
Stella Lee
Yeonjau (Angel) Lee
Xioyan 'Coco' Li
Jashandeep Lobana
AK Martin
Claire McCaulley
Chelsea Noriega
Oyindamola (Damola) Ogunlade
Davina Oludipe
Sidharth Pavuluri
Sydney Sappenfield
Maria Sanchez Boedo
Yuna Um
Grace Waldeck
Grant Wang
Aaron Wang
Joey Wei
Sonya Zhang

MENTEE AWARDS AND HONORS

Dr. Jennifer Lawlor
Fondation Fyssen Postdoctoral Fellowship
Philippe Foundation Fellowship
Kavli Distinguished Postdoctoral Fellowship (JHU)
BRAIN K99/R00 (*pending*)
SFN Trainee Professional Development Award
Dr. Sharlen Moore
Hearing Health Foundation Research Grant Award

Kavli Distinguished Postdoctoral Fellowship (JHU)
Dr. Andrea Santi
Alzheimer's Association Postdoctoral Fellowship
Fangchen Zhu (PhD Student)
Science of Learning Institute Graduate Fellowship (JHU)
Robert Waldrop Junior Investigator Award (PBS)
Robert Waldrop Senior Investigator Award (PBS)
Teaching Excellence Award (PBS)
Japan Neuroscience Meeting Travel Award
Ziyi Zhu (PhD Student)
Kavli Distinguished Graduate Fellowship (JHU)
Su Jin Kim (PhD Student)
F31 NIH NRSA Graduate Fellowship
Service Excellence Award (PBS)
Sarah Elnozahy (Undergraduate)
Albstein Fellowship
Meg Walsh Award
COSYNE travel award
SFN Trainee Professional Development Award
Aaron Wang (Undergraduate)
Provost's Undergraduate Research Award (JHU)
Kylie Fuller (Undergraduate)
Provost's Undergraduate Research Award (JHU)
Jordan Amato (Undergraduate)
Albstein Fellowship

ACADEMIC SERVICE

Professional

2025 - **Computational and Systems Neuroscience, Program Committee Member**

2022 – 2024 **Society for Neuroscience, Program Committee Member**
Served a 3-year term to help organize and select symposia, minisymposia, lectures, and other elements of the flagship annual Neuroscience conference
Vice Chair of the Cognition Theme (2023)
Chair of Sensory Systems Theme (2024)

2024 – **Advances and Perspective in Auditory Neuroscience, Co-Chair**
Serve a multi-year term as chairperson for annual auditory neuroscience meeting

2020 – 2024 **Advances and Perspective in Auditory Neuroscience, Program Committee Member**

University and Departmental

2021 – Neuroscience Undergraduate Program/Curriculum Committee
2023 – 2024 Co-Chair Junior BDP Neuroscience Search Committee
2020 – PBS Equity Committee, Founding Co-Chair
2020 – PBS Colloquium, Co-Chair
2020 – PBS Early Career Colloquium, Founding Chair

- 2019 – Reviewer for Internal Grants and Shortlisting (~20 programs including Discovery, Catalyst, PURA, Internal Nominations for External Grants)
2018 – Advising undergraduates in PBS and Neuroscience

PhD dissertation/GBO committee member

Kurt Fraser (PBS)
Tabitha Kim (PBS)
Brittney Boubilil (PBS)
Keegan Eveland (PBS)
Arunima Banerjee (PBS)
Yuxi Chen (Neuroscience)
Mingyuan Dong (Neuroscience)
Fengtong Du (Neuroscience)
Katherin Maximov (Neuroscience)
Lilian Zhang (Neuroscience)
Shichen Zhang (Neuroscience)
Jade Daher (BME)
Sara Brooke (Neuroscience)
Jacob Bedke (Neuroscience)
Seong Yeol An (Neuroscience)
Liang Xiang (BME)
Yiting Chang (Neuroscience)
Andrea Shang (Rutgers, Psychology)
Noury Khim (University of Maryland, Neuroscience)

In addition to the above, I have served on 10+ PhD qualifying / DBO exams as a committee member.

Grant Panel Reviews

National Science Foundation Panels

Neural Systems 2020, 2021, 2022 and 2023
Neural/Cognitive Systems 2021

National Institutes of Health Panels

BRAIN Initiative U01 2021
K99/F99 2021, 2022, and 2023
R01 2024
NIDCD Training Fellowships 2025

International Panels

Wellcome Foundation – Career Development Award (external reviewer)
French National Research Agency – Grant reviews (external reviewer)
Swiss National Science Foundation – Grant reviews (external reviewer)

Private Foundations

Kavli Foundation – Grant reviews (external reviewer)
Alzheimer’s Association – Postdoctoral Fellowship Reviewer

Ad-hoc Journal Reviews

Nature, Science, Nature Neuroscience, Neuron, Journal of Neuroscience, PNAS, PLOS, Cell Reports, Journal of Neurophysiology, Current Opinions in Neurobiology, Animal Cognition, eLife, Current Biology, Communications Biology, iScience