

The NKInformer



A newsletter of the Nathan S. Kline Institute for Psychiatric Research

Donald C. Goff, MD, Director
Thomas Cunningham, MBA, Deputy Director, Institute Administration

September – October 2025

Stuart Moss, MLS, Editor

NKI Investigators Honored by BBRF



Daniel Javitt, MD, PhD



Antigona Martinez, PhD



Joseph LeDoux, PhD

Each year, the Brain & Behavior Research Foundation (BBRF) awards several [Outstanding Achievement Prizes](#) for exceptional research leadership and contributions to brain and behavior research. This year, three of these prizes went to current and former NKI researchers! The awardees were celebrated at the 2025 [International Mental Health Research Symposium](#) on October 24th, where they gave presentations on their work. You can view the presentation recordings [here](#).

[Daniel C. Javitt, M.D., Ph.D.](#), Director of Schizophrenia Research, was awarded the Lieber Prize for Outstanding Achievement in Schizophrenia Research; and [Antigona Martinez, Ph.D.](#), received the Maltz Prize for Innovative & Promising Schizophrenia Research. In addition, Joseph LeDoux, Ph.D., founding director (now retired) of the NKI/NYU [Emotional Brain Institute](#), is the recipient of the Goldman-Rakic Prize for Outstanding Achievement in Cognitive Neuroscience Research.

KUDOS

NYU PROMOTIONS

Congratulations to [Ayana Jordan, MD, PhD](#), and to [Emily Stern, PhD](#), on being promoted to the rank of full Professor at NYU Grossman School of Medicine!

At NYU, Dr. Jordan is the Barbara Wilson Professor of Psychiatry in the Department of Psychiatry as well as Professor in the Department of Population Health. At NKI, she is a Research Psychiatrist in the Center for Research on Cultural & Structural Equity in Behavioral Health in the Social Solutions & Services Research Division.

Dr. Stern is now Professor of Psychiatry in the NYU Department of Psychiatry. At NKI, she is a Research Scientist in the Clinical Research Division.



Dr. Ayana Jordan



Dr. Emily Stern



Coincidentally, **Emily Stern's** work was recently [spotlighted in a news alert](#) from the Brain & Behavior Research Foundation (BBRF). Dr. Stern received a BBRF Young Investigator Grant in 2008. The alert describes a study led by Dr. Stern that was reported earlier this year in the [American Journal of Psychiatry](#).



Positive results were recently [announced](#) for the CONVOKE Phase III Study from Boehringer Ingelheim and Click Therapeutics, which evaluated the effectiveness and safety of a first-in-class digital mobile program in reducing experiential negative symptoms in outpatients with schizophrenia. Detailed results were presented at the 38th Annual European College of Neuropsychopharmacology (ECNP) Congress held in Amsterdam in October.

The [Manhattan Schizophrenia Research Program](#) at Manhattan Psychiatric Center, led by **Jean-Pierre Lindenmayer, MD**, was one of the numerous study locations, and the MPC site was the second best recruiter overall. The CONVOKE study is now completed and the sponsor is in the process of submitting the manuscript for publication. Dr. Lindenmayer is one of the coauthors.

BBRF International Awards Dinner

Following the International Mental Health Research Symposium on October 24th, the award winners were celebrated at a dinner. Pictured below (left to right) are **Andrea Balla, Henry Sershen, Pejman Sehatpour, Odeta Begel, Antigona Martinez, Dan Javitt, Tracey Keel, Gail Silipo, and Josh Kantrowitz** from NKI's Schizophrenia Research program.



GRANTS RECEIVED



Dr. Anzalee Khan (Manhattan Schizophrenia Research Program) was awarded an R61 for the project titled "[A virtual reality mindfulness application for aggression in schizophrenia.](#)"

Drs. Dan Javitt, Antigua Martinez, and Pejman Sehatpour (Schizophrenia Research) received an R01 for their project titled "[Sensory contributions to third visual pathway dysfunction in schizophrenia: correlation and causation.](#)"

Dr. Shuo Chen (Emotional Brain Institute) was awarded a DP2 grant at NYU Grossman School of Medicine, with a subcontract to NKI, for the project titled "[Tailoring nanocrystals as a versatile platform for noninvasive neuroengineering.](#)"



National Institute on Alcohol
Abuse and Alcoholism

Dr. Carla Nasca (Center for Dementia Research) was awarded an R01 at NYU Grossman School of Medicine, with a subcontract to NKI, for the project titled "[A translational approach for novel precision medicine models.](#)"



Dr. Christos Lisgaras (Center for Dementia Research) received a [Cure Epilepsy Award](#) from CURE Epilepsy for the project titled "High frequency oscillations as a therapeutic target in temporal lobe epilepsy."



National Institute of
Neurological Disorders
and Stroke

Dr. Helen Scharfman (Center for Dementia Research) received a supplement for equipment and associated supplies for the R37 project titled "[Mossy cells in temporal lobe epilepsy.](#)"

Let's Hear it for the Postdocs!

National Postdoc Appreciation Week recognizes the critical contributions that postdoctoral scholars make to U.S. research and discovery. This year, NKI marked the event with a bagel breakfast on September 11th. In attendance were (left to right) **Belen Aburto**, **Connor Gallimore**, **Adam Hockley**, **Kuldeep Sachdeva**, **Andrea Martinez** (center), **Pureum Jeon**, **Maria Valle**, **Chiara Criscuolo**, **Galit Bleicher**, and **Cris Siller** (front in the selfie).



FROM AROUND THE INSTITUTE

Senator Bill Weber Visit

In July, New York State Senator Bill Weber came to NKI to meet with the [Geriatric Psychiatry Research](#) team, to learn about their community activities including the Memory Education and Research Initiative (MERI), community outreach at local events, and ongoing internship collaboration with the St. Thomas Aquinas College psychology department. Pictured here (left to right) are John Mulgrew (Chief of Staff for Senator Weber), **Vita Pomara**, **Andrew Orefice**, **Dr. Chelsea Reichert Plaska**, Senator Bill Weber, **Dr. Nunzio Pomara**, and Deputy Director Tom Cunningham.



NKI Summer Internship Highlights

Investigators at NKI, and by extension Manhattan Psychiatric Center, welcomed a vibrant cohort of undergraduate interns this summer (see list below). Local students from St. Thomas Aquinas College engaged with Dr. Chelsea Reichert Plaska and the Geriatric Psychiatry Division at NKI to explore clinical and research perspectives. Working alongside NKI's collaborative teams, students also contributed to ongoing research and gained practical experience in areas such as neuroimaging and biophysical signal processing.

Interested in hosting an intern in your lab next summer? Next year marks the 10th anniversary of NKI's Summer Scholars program, founded by Dr. Anna MacKay-Brandt and Kristin Trautman, LCSW. What began as a visionary effort to engage students in hands-on research has grown into a lasting legacy – one that continues to welcome university students eager to explore the fields of neuroscience and mental health. Building on this foundation, NKI faculty have been offering internship opportunities year-round, including summer placements and academic-year roles across a range of research domains.

As we look ahead to summer 2026 and the program's milestone year, we remain committed to fostering meaningful research experiences for the next generation of scholars. Faculty accepting interns may contact [Dr. Renée Hartig](#) or [Stuart Moss](#) for consideration in next summer's program.

Manhattan Psychiatric Center

- Christopher Thomas, Binghamton University
- Lev Roda, Boston University
- Arushi Kaushik, NYU
- Siddharth Desai, University of Michigan
- Alvin Binoj, Nova Southeastern

Dr. Vinod Yaragudri (EBI)

- Sambhav Jain, Rutgers University

Dr. Rob Sears (EBI)

- Eden Blanker, Dickinson College
- Chris Vanderhoef, Binghamton University

Dr. Raj Balapal (CDR)

- Sumeerin Thakur, Binghamton University

Geriatric Psychiatry – MERI internship collaboration with Saint Thomas Aquinas College

- Leonardo Castelluccio
- Deanna Murray
- Michelle Trozo

Dr. Anna Roe (C-BIN)

- Coco Laska, Vanderbilt University

Dr. Renée Hartig (C-BIN)

- Raj Savla, Georgetown University

Dr. Noelle O'Connell (C-BIN)

- Daisy Gray, University of Maryland

2025 September BBQ



INFO UPDATE



[The State of Mental Health in America](#) report highlights the latest national data and provides state-level rankings on mental health and well-being in the U.S. Through this report, Mental Health America offers critical insights to drive policy, improve care, and support people living with mental health conditions across the country.

As announced by NYS OMH Commissioner Dr. Ann Sullivan, [New York State ranked #1](#) by scoring the best across 17 measures of prevalence of mental illness and access to mental health care, based on data gathered in 2022 and 2023. In particular, New York earned high marks for having the lowest percentages nationally in youth expressing serious thoughts of suicide, youth experiencing major depression, as well as low rates of adults with mental illness who are uninsured.



The [Healthy Minds public television series](#), produced by the Brain & Behavior Research Foundation and hosted by Dr. Jeffrey Borenstein, aims to remove the stigma of mental illness and demonstrate that with help, there is hope. The series humanizes common psychiatric conditions through inspiring personal stories, as well as experts sharing cutting edge information, including new approaches in diagnostics, treatment, and research. Season 10 of the series is now available to watch on [PBS.org](#).

DEPARTMENT OF WONDER



A recent piece by *New Yorker* writer Rachel Aviv, "[Mary Had Schizophrenia – Then Suddenly She Didn't](#)," relates a fascinating story about psychosis caused by autoimmune conditions. Treatment of the immune dysfunction can lead to the sudden disappearance of psychosis. But for people who undergo this transformation, the experience can be disorienting, raising questions about personhood and meaning.



Are you seeing red, too? Dr. F. Perry Wilson explores this question in a recent episode of Impact Factor ("[Do You Really See What I See?](#)") In it, he discusses a [Journal of Neuroscience paper](#) demonstrating that the brain activation patterns following perception of specific colors are shared across subjects. While this doesn't get at the question of shared perceptual *experience*, it's one more data point in our understanding of the relationship between mind and brain.

PUBLICATIONS OF NOTE



Stephen Ginsberg (Dementia Research) coauthored this review published in the October issue of *Trends in Biochemical Sciences*. The paper is featured on the issue cover.

Chu F, Sharma S, Ginsberg SD, Chiosis G. [PTMs as molecular encoders: reprogramming chaperones into epichaperomes for network control in disease](#). Trends Biochem Sci. 2025 Aug 27:S0968-0004(25)00169-0. PMID: 40877054.

ScienceAdvances

Stephan Bickel (Biomedical Imaging & Neuromodulation) is the senior author of this paper published recently in *Science Advances*.

Mishra A, Tostaeva G, Nentwich M, Espinal E, Markowitz N, Winfield J, Freund E, Gherman S, Leszczynski M, Schroeder CE, Mehta AD, Bickel S. [Motifs of human high-frequency oscillations structure processing and memory of continuous audiovisual narratives](#). Sci Adv. 2025 Jul 25; 11(30):eadv0986. PMID: 40712018.



Helen Scharfman (Dementia Research) is the senior author of this paper appearing in *Cell Reports*.

Pearce P, LaFrancois JJ, Skucas V, Friedman D, Fenton AA, Dvorak D, MacLusky NJ, Scharfman HE. [Testosterone and 17 \$\beta\$ -estradiol regulate hippocampal area CA3 sharp waves in male and female rats](#). Cell Rep. 2025 Jul 22; 44(7):115952. PMID: 40632653.



Imaging
Neuroscience

C-BIN Director **Michael Milham** is the senior author of this paper published earlier this year in *Imaging Neuroscience*.

Xu T, Kiar G, Zuo XN, Vogelstein JT, Milham MP. [Challenges in measuring individual differences of brain function](#). Imaging Neurosci (Camb). 2025 Jan 7;3:imag_a_00430. PMID: 40800812.

Brain Research Bulletin

Masuo Ohno (Dementia Research) published this new review article in *Brain Research Bulletin*.

Ohno M. [BACE1 as an early biomarker and its relevance to risk factors for Alzheimer's disease](#). Brain Res Bull. 2025 Oct 1; 230:111475. PMID: 40706761.

First author **Anna MacKay-Brandt** (Clinical Evaluation Center) and NKI C-BIN colleagues published this new paper in *Frontiers in Psychology*.

MacKay-Brandt A, Garcia-Barnett D, Gan KX, Ripley O, Gazes E, Milham M, Colcombe S. [cpCST: a new continuous performance test for high-precision assessment of attention across the lifespan](#). Front Psychol. 2025 Sep 23; 16:1640417. PMID: 41064183.



Statistics in Medicine

Qixuan Chen (Social Solutions & Services) coauthored this paper in *Statistics in Medicine*.

Pitts AJ, Yomogida M, Aidala A, Gelman A, Chen Q. [Multilevel Regression and Poststratification Using Margins of Poststratifiers: Improving Inference for HIV Health Outcomes During the COVID-19 Pandemic](#). Stat Med. 2025 Aug; 44(18-19):e70223. PMID: 40791168.



npj parkinson's disease

Nabin Koirala (Biomedical Imaging & Neuro-modulation) is the first author of this editorial appearing in *npj Parkinson's Disease*.

Koirala N, Bange M, Wagle Shukla A, Muthuraman M. [Advancements in invasive and non-invasive neuromodulation for Parkinson's disease: current findings and future directions](#). NPJ Parkinsons Dis. 2025 Jul 30; 11(1):221. PMID: 40738895.

BRAIN COMMUNICATIONS

Christos Lisgaras (Dementia Research) was invited to contribute this commentary for *Brain Communications*.

Lisgaras CP. [High frequency opportunities for Alzheimer's disease](#). Brain Commun. 2025 Sep 8; 7(5):fcf328. PMID: 40980403.



Alzheimer's & Dementia

This recent paper from **Stephen Ginsberg's lab** (Center for Dementia Research) appears in *Alzheimer's & Dementia*.

Labuza A, Alldred MJ, Pidikiti H, Malek-Ahmadi MH, Lee SH, Heguy A, Coleman PD, Chakrabarty S, Chiosis G, Mufson EJ, Ginsberg SD. [Frontal cortex pyramidal neuron expression profiles differentiate the prodromal stage from progressive degeneration across the Alzheimer's disease spectrum](#). Alzheimers Dement. 2025 Jul; 21(7):e70395. PMID: 40709510.



progress in neurobiology

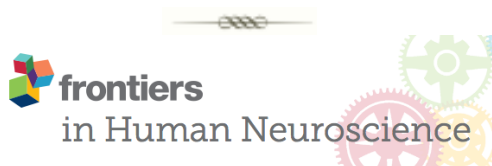
Charles Schroeder (Translational Neuroscience, C-BIN) is the senior author of this new article published in *Progress in Neurobiology*.

Leszczynski M, Espinal E, Smith E, Schevon C, Sheth S, Schroeder CE. [Eye movements organize excitability state, information coding and network connectivity in the human hippocampus](#). Prog Neurobiol. 2025 Sep; 252:102812. PMID: 40816703.



Vilma Gabbay (Clinical Research) is the corresponding author of this paper in *JAACAP Open*.

Nguyen TNB, Chance AB, Roske C, Chase E, Rubinstein TB, Zayde A, Mowrey WB, Gabbay V. [Relationships Between Adolescent Perception of Family Functioning and Affective Symptomatology](#). *JAACAP Open*. 2024 Sep 26; 3(3):793-804. PMID: 40922792.



First author **Goi Khia Eng**, senior author **Emily Stern**, and several NKI Clinical Research colleagues published this proof-of-concept study in *Frontiers in Human Neuroscience*.

Eng GK, Tambini A, Hermiller MS, Recchia N, Harvey JR, Iosifescu DV, Tobe RH, Stern ER. [Personalized non-invasive neuromodulation for sensory-based urge suppression in individuals with OCD: a proof-of-concept investigation](#). *Front Hum Neurosci*. 2025 Jun 24; 19:1587644. PMID: 40631344.



Lila Davachi (Clinical Research) coauthored this preprint in *Research Square*.

Welch E, Schelkun V, Gasser C, Lockwood K, Davachi L. [Rich autobiographical memory recall benefits from both novelty and similarity to other daily experiences](#). *Res Sq [Preprint]*. 2025 Sep 3:rs.3.rs-7402294. PMID: 40951297.



First author **Naomi Gaggi**, senior author **Ricardo Osorio**, and several NKI Clinical Research colleagues published this systematic review in *Frontiers in Behavioral Neuroscience*.

Gaggi NL, Parincu Z, Peterson A, O'Brien C, Kam K, Tural U, Ayappa I, Varga AW, Iosifescu DV, Osorio RS. [Enhancing sleep, wakefulness, and cognition with transcranial photobio-modulation: a systematic review](#). *Front Behav Neurosci*. 2025 Jul 31; 19:1542462. PMID: 40822571.



Babak Tofighi (corresponding author), **Crystal Fuller Lewis**, **Marilena Lekas**, and colleagues (Social Solutions & Services) contributed this short report appearing in the *Journal of Substance Use*.

Tofighi B, Franklin NS, Wolf E, Maria-Lekas H, Lewis CF. [Buprenorphine provider preferences to expanding harm reduction services in rural and suburban primary care settings: a short report](#). *J Subst Use*. 2025 Feb 10. PMID: 40933807.

EVENTS & SEMINARS

Save the Date

NKI Town Hall Meeting

2025 Town Hall Meeting and Employee Recognition Event

will be held on Tuesday,
December 9th



Center for Biomedical Imaging and Neuromodulation Science Series

Held on Mondays at 11 am via Zoom

3T Users Group Meeting

November 3rd

Eduardo Gonzalez-Moreira, PhD

C-BIN @NKI

TITLE TBA

November 10th

Stan Colcombe, PhD

Design, Acquisition & Neuromodulation Labs, C-BIN

MERIT

November 17th

Jordan DeKraker, PhD

McGill University

***Surface-space: An interpretable latent
representation for neuroimaging***

December 1st

Anton Sobinov, PhD

University of Chicago

***Towards understanding the neural basis of
manual dexterity***

hybrid meeting

December 8th

Esther Blessing, MD, PhD

Clinical Research @NKI

TITLE TBA

December 15th

The New York State Office of Mental Health (OMH) regularly hosts an interactive video broadcast covering the latest research, technology, and treatment implementation in the fields of psychiatry and psychology. These programs are recorded, and the archived Statewide Grand Rounds programs can be viewed [on the OMH website](#).

NKI ON THE ROAD

NKI Rockland Sample and Geriatric Psychiatry at Senator Weber's Senior Fair

*Contributed by Drs. Anna MacKay-Brandt and
Chelsea Reichert Plaska*

The **NKI Rockland Sample** and the **Division of Geriatric Psychiatry** both represented NKI at the annual Rockland County Senior Fair hosted by NYS Senator Bill Weber at Rockland Community College on September 17th. The event brought together more than 150 organizations and agencies to share resources and support for older adults in Rockland County. Well over 1000 seniors attended!

Rockland Sample staff highlighted opportunities to participate in ongoing research on brain health and aging and provided educational materials on maintaining brain health as we age. We were also delighted to reconnect with several past participants who stopped by to say hello and learn more about our current work.



*Rockland Sample research assistants Alexandra Kohl (left)
and Olivia Ripley (right) with a senior fair attendee*

The Geriatric Psychiatry group was stationed next to our community partner, Alzheimer's Association. We shared with visitors the importance of annual "brain check-ins" through the [Memory Education and Research Initiative](#) (MERI) program and about our other ongoing studies for depression and early Alzheimer's disease. We also connected with several senior organizations such as the Lions Club to offer our community education.



Dr. Chelsea Reichert Plaska with Senator Bill Weber

The **Geriatric Psychiatry** group has also been doing a lot of community outreach for MERI – which provides no-cost comprehensive memory and cognitive evaluations to individuals who have memory complaints or a family history of memory disorders – including at the Pilgrim Baptist Church Health Fair in Nyack and the Spring Valley Farmers Market. At both events we shared educational resources about healthy aging; talked about MERI; and talked about Brain Health Days where we do brief memory screenings for the community.



*Annie Schatz, Chelsea Reichert Plaska, and
Andrew Orefice at the Spring Valley event*



Director of Translational Neuroscience **Anna Roe** joined the journal *Neurophotonics* for a conversation “[On curiosity, neuroscience, and building interdisciplinary bridges](#)”. In a wide-ranging conversation with Christopher Moore of Brown University, Dr. Roe discussed her journey as a neuroscientist, highlighting breakthroughs in brain plasticity, imaging, and the value of curiosity and mentorship. The recorded conversation appears in the October 2025 issue of the journal.



Emily Stern and **Lila Davachi** (Clinical Research) joined other New York area cognitive neuroscientists in a [day-long symposium](#) held by the Lipschultz Center for Cognitive Neuroscience at the Icahn School of Medicine at Mount Sinai on September 22nd. The Center is a multidisciplinary initiative dedicated to understanding the neural circuit mechanisms of higher cognitive function.

Dr. Stern was the discussant for the session on Affect and Psychiatry and Dr. Davachi presented in the session on Memory & Attention.



Arielle Tambini (Biomedical Imaging & Neuromodulation) and **Lila Davachi** (Clinical Research) were speakers at the inaugural [New York Memory Hub Conference](#) on September 26th, also at the Icahn School of Medicine at Mount Sinai



Christos Lisgaras (Center for Dementia Research) gave a short talk at a conference on [Defining the Landscape of Late-Onset Unexplained Epilepsy](#) which was organized by Epilepsy Foundation New England.



Michael Milham, Director of the Center for Biomedical Imaging & Neuromodulation, participated in a webinar on the topic of inter-generational mental health. This discussion coincided with the Child Mind Institute’s publication of a study report titled “[Navigating Mental Health: An Intergenerational Perspective](#).” The webinar was organized by the [Morgan Stanley Alliance for Children’s Mental Health](#), which also funded the study. The webinar recording can be viewed [here](#).



NKI PUBLICATIONS UPDATE

Below is a list of references that have been added to the NKI publications database since the previous update. The full database contains over 7,700 items dating back to 1995 and can be searched from the [myNKI website](#).

Akkol S, Mishra A, Markowitz N, Espinal E, Keshishian M, Mesgarani N, Schroeder C, Mehta AD, Bickel S. Neural entrainment by speech in human auditory cortex revealed by intracranial recordings. *Prog Neurobiol*. 2025 Sep 8; 253:102823. PMID: 40930211.

Allred MJ, Pidikiti H, Ibrahim KW, Lee SH, Heguy A, Chiosis G, Mufson EJ, Stutzmann GE, Ginsberg SD. Benefits of Maternal Choline Supplementation on Aged Basal Forebrain Cholinergic Neurons (BFCNs) in a Mouse Model of Down Syndrome and Alzheimer's Disease. *Biomolecules*. 2025 Aug 5; 15(8):1131. PMID: 40867575.

Assi JY, Bickel S, Greenberg HE, Mehta AD, Similowski T, Herrero JL. Insular routing to orbitofrontal cortex enables breathing awareness. *medRxiv [Preprint]*. 2025 Sep 2:2025.08.28.25334357. PMID: 40950467.

Bender DA, Nayak SM, Siegel JS, Hellerstein DJ, Ercal BC, Lenze EJ. Psychedelic Therapies: One Drug, Multiple Treatments Reply to Modesto-Lowe et al. *J Clin Psychiatry*. 2025 Sep 1; 86(4):251r15978a. PMID: 40900107.

Bridgeford EW, Powell M, Kiar G, Noble S, Chung J, Panda S, Lawrence R, Xu T, Milham M, Caffo B, Vogelstein JT. When no answer is better than a wrong answer: A causal perspective on batch effects. *Imaging Neurosci (Camb)*. 2025 Jan 29; 3:imag_a_00458. PMID: 40800974.

Burlew AK, Ruglass LM, Espinosa A, McCuistian C, Haeny AM, Jordan A, Roundtree C, Lopez J, Vena A, Morgan-López AA. An individual-level data synthesis of Clinical Trials Network studies to examine the impact of psychosocial treatments for

Black people who use cocaine and/or opioids. *Drug Alcohol Depend*. 2025 Aug 23; 276:112850. PMID: 40902223.

Cheek CL, Dobrynin PV, Khafizova GV, Koirala N, Mahaffy K, Grigorenko EL. Neuroimaging genetics and developmental psychopathology: A systematic review. *Dev Psychopathol*. 2025 Sep 1:1-23. PMID: 40888338.

Chen X, Lu B, Wang YW, Li XY, Wang ZH, Li HX, Liao YF, Blumberger DM, Castellanos FX, et al. Subgenual anterior cingulate cortex functional connectivity abnormalities in depression: insights from brain imaging big data and precision-guided personalized intervention via transcranial magnetic stimulation. *Sci Bull (Beijing)*. 2025 Aug 30; 70(16):2676-2690. PMID: 40628558.

Chu F, Sharma S, Ginsberg SD, Chiosis G. PTMs as molecular encoders: reprogramming chaperones into epichaperomes for network control in disease. *Trends Biochem Sci*. 2025 Aug 27:S0968-0004(25)00169-0. PMID: 40877054.

Eng GK, Tambini A, Hermiller MS, Recchia N, Harvey JR, Iosifescu DV, Tobe RH, Stern ER. Personalized non-invasive neuromodulation for sensory-based urge suppression in individuals with OCD: a proof-of-concept investigation. *Front Hum Neurosci*. 2025 Jun 24; 19:1587644. PMID: 40631344.

Gaggi NL, Parincu Z, Peterson A, O'Brien C, Kam K, Tural U, Ayappa I, Varga AW, Iosifescu DV, Osorio RS. Enhancing sleep, wakefulness, and cognition with transcranial photobiomodulation: a systematic review. *Front Behav Neurosci*. 2025 Jul 31; 19:1542462. PMID: 40822571.

Goff DC. Reply to "Xanomeline/Trospium Combination: Not Non-dopaminergic but a Novel Antidopaminergic Treatment for Schizophrenia". *J Clin Psychopharmacol*. 2025 Sep-Oct 01; 45(5):530-531. PMID: 40790979.

Guidetti C, Chaikali S, Trivedi MH, Shelton RC, Iosifescu DV, et al. Effect of augmentation with aripiprazole or augmentation with repetitive transcranial magnetic stimulation versus switching to the antidepressant venlafaxine extended release/duloxetine on cognition: A comparative effectiveness research trial for antidepressant incomplete and non-responders with treatment-resistant depression (ASCERTAIN-TRD). *J Affect Disord*. 2025 Dec 1; 390:119836. PMID: 40633778.

Guidetti C, Chaikali S, Trivedi MH, Shelton RC, Iosifescu DV, et al. Comparative Effectiveness Research Trial for Antidepressant Incomplete and Nonresponders with Treatment Resistant Depression (ASCERTAIN-TRD): Effect of Aripiprazole or Repetitive Transcranial Magnetic Stimulation Augmentation Versus Switching to the Antidepressant Venlafaxine on Quality of Life. *J Clin Psychiatry*. 2025 Aug 11; 86(3):24m15614. PMID: 40801757.

Hu H, Xia M, Chen L, Hu Y, Liu X, Zhang T, Tang Y, Su M, Goff DC, Guo Q, Li G, Rusinek H, Wang J. Hippocampal perfusion abnormalities and treatment effects in acute phase of first-episode schizophrenia. *Schizophr Res*. 2025 Sep; 283:173-179. PMID: 40706394.

Kamarajan C, Ardekani BA, Pandey AK, Pandey G, Kinreich S, Kuang W, Meyers JL, Porjesz B. Reward Network Activations of Win Versus Loss in a Monetary Gambling Task. *Behav Sci (Basel)*. 2025 Jul 22; 15(8):994. PMID: 40867351.

Koirala N, Bange M, Wagle Shukla A, Muthuraman M. Advancements in invasive and non-invasive neuromodulation for Parkinson's disease: current findings and future directions. *NPJ Parkinsons Dis*. 2025 Jul 30; 11(1):221. PMID: 40738895.

Krenn M, Nenning KH, Aull-Watschinger S, Patariaia E, Wagner M, Zimprich F. ADAM23 haploinsufficiency as a putative oligogenic contributor in an individual with focal epilepsy. *Seizure*. 2025 Sep; 131:454-457. PMID: 40865352.

Krumpoek PE, Ebenbichler G, Knosp C, Roiger-Simek RS, Margreiter-Neuwirth N, Neuwirth W, Kasprian G, Nenning KH, Schmidbauer V, Benca E,

Sterz F. Safety and feasibility of a multimodal approach for orchestra musicians with playing-related musculoskeletal disorders (PRMDs). *Wien Klin Wochenschr*. 2025 Jul 28. PMID: 40721544.

Kumpf KT, Wilkinson ST, Hu B, Chen R, Krishnan K, Chakrabarti S, Rhee TG, Grezmak T, Mathew SJ, Sanacora G, Murrough JW, Goes FS, Collins KA, Barnett BS, Anand A. Comparing the Cognitive Effects of Repeated Intravenous Ketamine and Electroconvulsive Therapy in Patients with Treatment-Resistant Depression: A Secondary Analysis of the ELEKT-D Trial. *J Clin Psychiatry*. 2025 Sep 3; 86(4):25m15781. PMID: 40900112.

Labuza A, Alldred MJ, Pidikiti H, Malek-Ahmadi MH, Lee SH, Heguy A, Coleman PD, Chakrabarty S, Chiosis G, Mufson EJ, Ginsberg SD. Frontal cortex pyramidal neuron expression profiles differentiate the prodromal stage from progressive degeneration across the Alzheimer's disease spectrum. *Alzheimers Dement*. 2025 Jul; 21(7):e70395. PMID: 40709510.

Leszczynski M, Espinal E, Smith E, Schevon C, Sheth S, Schroeder CE. Eye movements organize excitability state, information coding and network connectivity in the human hippocampus. *Prog Neurobiol*. 2025 Sep; 252:102812. PMID: 40816703.

Lisgaras CP, Giménez S, Carmona-Iragui M, Maure-Blesa L, Blessing E, Fortea J, Osorio RS. High-frequency oscillations >250 Hz in people with Down syndrome and associated Alzheimer's disease dementia. *Alzheimers Dement*. 2025 Jul; 21(7):e70386. PMID: 40642994.

Lisgaras CP. High frequency opportunities for Alzheimer's disease. *Brain Commun*. 2025 Sep 8; 7(5):fcf328. PMID: 40980403.

Liu M, Bhatt K, Giaever MF, Ardekani BA, Plaska CR, Ghanbarian E; Alzheimer's Disease Neuroimaging Initiative. Sex Differences in Cognitive Performance in Alzheimer's Disease: Insights from the ADAS-Cog-13. *medRxiv [Preprint]*. 2025 Jul 10:2025.07.08.25331133. PMID: 40672474.

Li Q, Ping A, Feng Y, Xu B, Zhang B, Roe AW, Gao L, Li X. Mesoscale functional connectivity of amygdala to the auditory and prefrontal cortex of macaque monkeys revealed by INS-fMRI. *Neuroimage*. 2025 Sep; 318:121406. PMID: 40744250.

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