

Meeting Year	Location	Session Title	Date	Speaker's First Name	Speaker's Last Name	Speaker's Credentials	Speaker's Institution	Presentation Title
ANA2024	Orlando, FL	The Dawn of Gene Therapy in ALS	Saturday, September 14, 2024	Timothy	Miller	MD, PhD, FANA	Washington University, Saint Louis	A Successful RNA-Targeted Therapy for ALS
ANA2024	Orlando, FL	The Dawn of Gene Therapy in ALS	Saturday, September 14, 2024	Laura	Ranum	PhD, FANA	University of Florida	C9orf72 ALS/FTD: Challenges and New Opportunities in Translational Research
ANA2024	Orlando, FL	The Dawn of Gene Therapy in ALS	Saturday, September 14, 2024	Sami	Barmada	MD, PhD	University of Michigan	TDP43: A Focal Point for RNA Therapeutics in ALS/FTD
ANA2024	Orlando, FL	The Dawn of Gene Therapy in ALS	Saturday, September 14, 2024	Merit	Cudkowicz	MD, MSc, FANA	Massachusetts General Hospital	Human Genetic Therapies for ALS: Current Status and Future Prospects
ANA2024	Orlando, FL	Role of Compartmentalized Inflammation in Health and CNS Diseases	Sunday, September 15, 2024	Erik	Musiek	MD, PhD	Washington University School of Medicine in St. Louis	Circadian Regulation of Glial Activation and Neuroinflammation in Alzheimer Disease
ANA2024	Orlando, FL	Role of Compartmentalized Inflammation in Health and CNS Diseases	Sunday, September 15, 2024	Jennifer	Orthmann-Murphy	MD, PhD	University of Pennsylvania	Compartmentalized Inflammation as a Target for Remyelination in MS
ANA2024	Orlando, FL	Role of Compartmentalized Inflammation in Health and CNS Diseases	Sunday, September 15, 2024	Mariko	Bennett	MD, PhD	Children's Hospital of Philadelphia and School of Medicine	Targeting Microglia for Neurotherapies
ANA2024	Orlando, FL	Role of Compartmentalized Inflammation in Health and CNS Diseases	Sunday, September 15, 2024	Amy	Gleichman	PhD	University of California - Los Angeles	Astrocytic Inflammation in the Post-Stroke Brain
ANA2024	Orlando, FL	Present and Future Applications of AI in Neurological Care and Research	Sunday, September 15, 2024	Brian	Litt	MD, PhD, FANA	University of Pennsylvania	AI Applications for Implantable Devices in Neuropsychiatric Diseases
ANA2024	Orlando, FL	Present and Future Applications of AI in Neurological Care and Research	Sunday, September 15, 2024	Lucila	Ohno-Machado	MD, MBA, PhD, FANA	Yale University School of Medicine	The Power of Informatics and Machine Learning Applications to Personalized Healthcare Delivery
ANA2024	Orlando, FL	Present and Future Applications of AI in Neurological Care and Research	Sunday, September 15, 2024	Paul	Thompson	PhD	University of Southern California	AI for Discovery and Diagnosis of Neurological Diseases using Deep Learning and Large-Scale Neuroimaging
ANA2024	Orlando, FL	Present and Future Applications of AI in Neurological Care and Research	Sunday, September 15, 2024	Ivan	Soltész	PhD	Stanford University	AI-Aided Analyses of Seizure and Interictal Phenotypes and Drug Responses in Epilepsy Models: Possibilities for Clinical Applications
ANA2024	Orlando, FL	Emerging Applications of Non-Invasive Neuromodulation in Neurology (NO CME)	Monday, September 16, 2024	Hong	Chen	PhD	Washington University in St. Louis	Emerging Focused Ultrasound Techniques for Diagnosis and Treatment of Brain Disorders
ANA2024	Orlando, FL	Emerging Applications of Non-Invasive Neuromodulation in Neurology (NO CME)	Monday, September 16, 2024	Michael	Fox	MD, PhD	Brigham and Women's Hospital	Brain Circuit-Targeted Neuromodulation
ANA2024	Orlando, FL	Emerging Applications of Non-Invasive Neuromodulation in Neurology (NO CME)	Monday, September 16, 2024	Anli	Liu	MD, MA	New York University Langone Health	Non-invasive Approaches to Treating Seizures
ANA2024	Orlando, FL	Emerging Applications of Non-Invasive Neuromodulation in Neurology (NO CME)	Monday, September 16, 2024	Robert	Reinhart	PhD	Boston University	Causal Entrainment of Cortical Rhythms Improves Memory in Aging and Alzheimer's Disease
ANA2024	Orlando, FL	Autoimmune vs Infectious Encephalitis: Dilemmas and Solutions	Tuesday, September 17, 2024	Avindra	Nath	MD, FANA	National Institutes of Health	The Advantages and Pitfalls of Metagenomic Sequencing in Encephalitis
ANA2024	Orlando, FL	Autoimmune vs Infectious Encephalitis: Dilemmas and Solutions	Tuesday, September 17, 2024	Michel	Toledano	MD	Mayo Clinic, Rochester	Corticosteroids in Herpes Simplex Encephalitis, and Other Therapeutics in Viral Encephalitis: Lessons Learned
ANA2024	Orlando, FL	Autoimmune vs Infectious Encephalitis: Dilemmas and Solutions	Tuesday, September 17, 2024	Eoin	Flanagan	MBBCh	Mayo Clinic, Rochester	Enhanced Diagnostic Precision in AE to Guide Prognosis and Treatment
ANA2024	Orlando, FL	Autoimmune vs Infectious Encephalitis: Dilemmas and Solutions	Tuesday, September 17, 2024	Stacey	Clardy	MD, PhD, FANA	University of Utah	Treatments and Trials in Autoimmune Encephalitis: The Urgent Need for Evidence
ANA2025	Baltimore, MD	Advancing Neuroscience Discovery and Treatments Together: Past, Present, and Future	Saturday, September 13, 2025	Huda	Zoghbi	MD	Baylor College of Medicine	How NINDS Shaped My Career in Neurological Disease Research
ANA2025	Baltimore, MD	Advancing Neuroscience Discovery and Treatments Together: Past, Present, and Future	Saturday, September 13, 2025	Michael	Ward	MD, PhD	National Institute of Neurological Disorders and Stroke	Accelerating the Pace of Therapeutic Development for Neurodegenerative Diseases
ANA2025	Baltimore, MD	Advancing Neuroscience Discovery and Treatments Together: Past, Present, and Future	Saturday, September 13, 2025	Vikram	Khurana	MD, PhD	Brigham and Women's Hospital/Harvard University	MyTrial for Neurodegeneration: Three Vignettes Illustrate a New Era for Precision Neuroscience
ANA2025	Baltimore, MD	Advancing Neuroscience Discovery and Treatments Together: Past, Present, and Future	Saturday, September 13, 2025	Pooja	Khatri	MD, MSc	Yale University	Advancing Stroke Care through Clinical Research: A Story of Innovation and Teamwork
ANA2025	Baltimore, MD	Advancing Science and Care Models for Lifespan Transitions in Neurodevelopmental Disorders	Sunday, September 14, 2025	Beau	Ances	MD, PhD, MSc, FANA	Washington University in St. Louis	Down Syndrome Across the Lifespan: Moving from Hugs to Drugs
ANA2025	Baltimore, MD	Advancing Science and Care Models for Lifespan Transitions in Neurodevelopmental Disorders	Sunday, September 14, 2025	Elizabeth	Berry Kravis	MD, PhD	Rush University	Adult Life, Aging and Targeted Treatment in Fragile X Syndrome
ANA2025	Baltimore, MD	Advancing Science and Care Models for Lifespan Transitions in Neurodevelopmental Disorders	Sunday, September 14, 2025	Andrea	Gropman	MD, FANA	St. Jude Children's Research Hospital, Memphis, TN	Care Models for Transition and Beyond
ANA2025	Baltimore, MD	Decoding Neurological Risk: Transforming Care with Polygenic Risk Scores	Sunday, September 14, 2025	Josh	Peterson	MD, MPH	Vanderbilt University Medical Center	Current and Future Applications of Polygenic Risk Scores in Human Health
ANA2025	Baltimore, MD	Decoding Neurological Risk: Transforming Care with Polygenic Risk Scores	Sunday, September 14, 2025	Bryan	Traynor	MD, PhD, MMSc, FANA	National Institute on Aging	Using Polygenic Risk Scores to Identify Therapies for ALS

ANA2025	Baltimore, MD	Decoding Neurological Risk: Transforming Care with Polygenic Risk Scores	Sunday, September 14, 2025	M. Elizabeth	Ross	MD, PhD, FANA	Weill Cornell Medicine	Deep PRS: Strategy for Combining PRS and Clinical Data for Individual Neurological Care
ANA2025	Baltimore, MD	Decoding Neurological Risk: Transforming Care with Polygenic Risk Scores	Sunday, September 14, 2025	Olga	Troyanskaya	PhD	Princeton University	AI Sequence Models and Multi-omic Analysis for Decoding Neurological Risk
ANA2025	Baltimore, MD	Navigating Diagnostic Odysseys of Undiagnosed Diseases in Neurology: Emerging Paradigms Using Deep Phenotyping and Omics-based Approaches	Monday, September 15, 2025	Bharatendu	Chandra	MD, FACMG	University of Iowa	Introduction to Undiagnosed Diseases, Current Challenges, and Translating Omics-based Tools to the Clinic
ANA2025	Baltimore, MD	Navigating Diagnostic Odysseys of Undiagnosed Diseases in Neurology: Emerging Paradigms Using Deep Phenotyping and Omics-based Approaches	Monday, September 15, 2025	Lisa	Emrick	MD	Baylor College of Medicine	Commonly Underdiagnosed and Misdiagnosed Neurometabolic Disorders, and a Window to Personalized Medicine
ANA2025	Baltimore, MD	Navigating Diagnostic Odysseys of Undiagnosed Diseases in Neurology: Emerging Paradigms Using Deep Phenotyping and Omics-based Approaches	Monday, September 15, 2025	Olivia	Kim-McManus	MD	University of California, San Diego, Rady Children's Institute for Genomic Medicine	Diagnoses and Precision Therapeutics in Developmental Epileptic Encephalopathies: SCN2A
ANA2025	Baltimore, MD	Glucagon-like Peptide-1 (GLP-1) Receptor Agonists - The Ultimate (Antiaging) Gateway Drug?	Tuesday, September 16, 2025	Serena	Guo	MD, PhD	University of Florida	Real World Evidence on GLP-1 Receptor Agonists: Insights into Alzheimer's Disease and Related Dementias (ADRD) and Beyond
ANA2025	Baltimore, MD	Glucagon-like Peptide-1 (GLP-1) Receptor Agonists - The Ultimate (Antiaging) Gateway Drug?	Tuesday, September 16, 2025	Linda	Rinaman	PhD	Florida State University	Structure, Development, and Plasticity of the Central GLP1 System
ANA2025	Baltimore, MD	Glucagon-like Peptide-1 (GLP-1) Receptor Agonists - The Ultimate (Antiaging) Gateway Drug?	Tuesday, September 16, 2025	Matthew	Hayes	PhD	University of Pennsylvania	Understanding GLP-1 Pharmacotherapy as a Treatment of Not Only Metabolic Disease, but Also CNS Diseases
ANA2026	San Diego, CA	The Role of CAR T-Cells in Changing the Therapeutic Algorithm in Autoimmune Neurology*	Saturday, October 17, 2026	Marinos	Dalakas,	MD, PhD, FANA	Thomas Jefferson University	The Role of CAR T-Cells and Why They Promise to Change the Therapeutic Algorithm in Autoimmune Neurology: Experience from Stiff Person Syndrome and Myasthenia
ANA2026	San Diego, CA	The Role of CAR T-Cells in Changing the Therapeutic Algorithm in Autoimmune Neurology*	Saturday, October 17, 2026	Josep	Dalmau,	MD, PhD, FANA	Institute for Biomedical Investigations - CaixaResearch Institute	CAR T-Cell Therapy in Autoimmune Encephalitides and Insights into Neurotoxicity Risk in Oncology Patients
ANA2026	San Diego, CA	Repetitive Sequences in Neurological Diseases and Health*	Sunday, October 18, 2026	Steven	McCarroll,	PhD	Howard Hughes Medical Institute/Broad Institute of MIT and Harvard Medical School	The Ticking DNA Clock: Lifelong Somatic Expansion of Repeated DNA As a Cause Of DNA-repeat Disorders
ANA2026	San Diego, CA	Repetitive Sequences in Neurological Diseases and Health*	Sunday, October 18, 2026	Arianna	Tucci,	MD, PhD	Queen Mary University of London	Understanding Repeat Expansion Diseases Using Population-scale Genomic Data
ANA2026	San Diego, CA	Repetitive Sequences in Neurological Diseases and Health*	Sunday, October 18, 2026	Silvère	Van der Maarel,	PhD	Leiden University Medical Center	D4Z4 Macrosatellite Repeat Rearrangements in Facioscapulohumeral Muscular Dystrophy
ANA2026	San Diego, CA	Repetitive Sequences in Neurological Diseases and Health*	Sunday, October 18, 2026	Niccolo	Mencacci	MD, PhD	Northwestern University	VPS39 Variants Cause a Spectrum of Neurological Disorders Through Impaired Lysosomal Function and Autophagy
ANA2026	San Diego, CA	Repetitive Sequences in Neurological Diseases and Health*	Sunday, October 18, 2026	Mohd	Salman	PhD	Indiana University School of Medicine	Plasma-derived Extracellular Vesicles from Humans with Silent Stroke and a Mouse Model of Silent Stroke Stimulate a Senescence-associated Secretory Phenotype
ANA2026	San Diego, CA	Advances in Microscopy for Visualizing Neurologic Disease	Sunday, October 18, 2026	Craig	Blackstone,	MD, PhD, FANA	Massachusetts General Hospital, Harvard Medical School	NeuroZoom: Super-Resolution for Neurologic Disease Discovery
ANA2026	San Diego, CA	Advances in Microscopy for Visualizing Neurologic Disease	Sunday, October 18, 2026	Erika	Holzbour,	PhD	University of Pennsylvania Perelman School of Medicine	Organelle Quality Control in Neuronal Homeostasis, Neurodevelopment, and Neurodegeneration
ANA2026	San Diego, CA	Advances in Microscopy for Visualizing Neurologic Disease	Sunday, October 18, 2026	Steve	Finkbeiner,	MD, PhD, FANA	Gladstone Institutes/University of California, San Francisco	State-of-the-Art Technologies to Generate and Analyze Large Amounts of Imaging and Genetic Data, Including Robotic Microscopy and AI
ANA2026	San Diego, CA	Emerging Approaches to Enhance Neuronal Resistance Against Neurodegeneration	Monday, October 19, 2026	Martin	Kampmann,	PhD	University of California, San Francisco	Using CRISPR-based Functional Genomics in Human Neurons and Glia to Understand Resilience in Tauopathy
ANA2026	San Diego, CA	Emerging Approaches to Enhance Neuronal Resistance Against Neurodegeneration	Monday, October 19, 2026	Inma	Cobos,	MD, PhD	Stanford University School of Medicine	Identifying Molecular Signatures and the Functional Relevance of Resilience Factors in Alzheimer's Disease
ANA2026	San Diego, CA	Emerging Approaches to Enhance Neuronal Resistance Against Neurodegeneration	Monday, October 19, 2026	Viviana	Gradinaru,	PhD	California Institute of Technology	Understanding Defense Mechanisms and Transport Across the BBB and Move Towards Targeted, Noninvasive Study and Repair of the Brain
ANA2026	San Diego, CA	Emerging Approaches to Enhance Neuronal Resistance Against Neurodegeneration	Monday, October 19, 2026	Yagiz	Altun	MD, PhD	Albert Einstein College of Medicine	Developmental Failure of Cortical Inhibition in Huntington's Disease: Implications for Early Therapeutic Intervention
ANA2026	San Diego, CA	The Menopausal Transition and Brain Health*	Tuesday, October 20, 2026	Pauline	Maki,	PhD	University of Illinois Chicago	Menopausal Hormone Therapy and Brain Health: From Controversy to Consensus
ANA2026	San Diego, CA	The Menopausal Transition and Brain Health*	Tuesday, October 20, 2026	Rachel	Buckley,	PhD	Massachusetts General Brigham Hospital	Menopause, MHT and Alzheimer's Biomarkers in Women
ANA2026	San Diego, CA	The Menopausal Transition and Brain Health*	Tuesday, October 20, 2026	Eliza	Miller,	MD, MS, FAHA	University of Pittsburgh	Menopause, MHT and Neurologic Disease
ANA2026	San Diego, CA	The Menopausal Transition and Brain Health*	Tuesday, October 20, 2026	Sasha	Gupta	MD	University of California, San Francisco	Post Anti-CD19 CAR-T cell Therapy Immune Response in Treatment Refractory Multiple Sclerosis