



Thomas Montine, MD, PhD

Stanford Medicine Professor of Pathology

CLINICAL OFFICE (PRIMARY)

- **Department of Pathology**

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ACADEMIC CONTACT INFORMATION

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Bio

BIO

Dr. Montine is the Stanford Medicine Endowed Professor, Chair of Stanford Pathology Department, and member of the National Academy of Medicine. He received his education and medical training at Columbia University, McGill University, and Duke University, and was junior faculty at Vanderbilt University where he was awarded the Thorne Professorship. In 2002, Dr. Montine was appointed as the Alvord Endowed Professor in Neuropathology at the University of Washington where he was Director of the University of Washington Alzheimer's Disease Research Center, one of the original 10 Centers in the US, and founding Director of the Pacific Udall Center, a NINDS-funded Center of Excellence for Parkinson's Disease Research. Dr. Montine was Chair of the Department of Pathology at the University of Washington from 2010 to 2016 when he was appointed Chair of the Department of Pathology at Stanford University where he is the Stanford Medicine Endowed Professor.

The focus of the Montine Laboratory is on the structural and molecular bases of cognitive impairment. The Montine Laboratory addresses this prevalent, unmet medical need through a combination of neuropathology, biomarkers for detection and progression of early disease, and experimental studies that test hypotheses concerning specific mechanisms of neuron injury and then develop novel approaches to neuroprotection. Our current approaches include small molecule precision therapeutics and cell replacement strategies for brain.

CLINICAL FOCUS

- Anatomic and Clinical Pathology

ACADEMIC APPOINTMENTS

- Professor, Pathology
- Member, Bio-X
- Member, Wu Tsai Neurosciences Institute

ADMINISTRATIVE APPOINTMENTS

- Department Chair, Stanford University Department of Pathology, (2016- present)

PROFESSIONAL EDUCATION

- Board Certification: Neuropathology, American Board of Pathology (1997)
- Board Certification: Anatomic Pathology, American Board of Pathology (1997)
- Residency: Duke University Hospital (1995) NC
- Residency: Duke University Hospital (1994) NC
- Internship: Duke University Medical Center (1992) NC
- Medical Education: McGill University Faculty of Medicine (1991) Canada

LINKS

- Montine Lab Site: <https://med.stanford.edu/montine-lab.html>

Teaching

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Rachel Ee

Postdoctoral Faculty Sponsor

David Brenes Rodriguez, Bettia Celestin, Amalia Perna, Mohit Rastogi, Azusa Terasaki

Publications

PUBLICATIONS

- **Genome-wide association studies of TDP-43 proteinopathy and hippocampal sclerosis reveal shared genetic associations with APOE and TMEM106B.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Godrich, D., Pasteris, J., Martin, E. R., Kunkle, B., Naj, A. C., Hamilton, K., Wang, H., Lee, W. P., Dumitrescu, L., Hohman, T. J., Mayeux, R., Larson, E. B., Crane, et al
2025; 21 (11): e70760
- **Celebrating neuropathology's contributions to Alzheimer's Disease Research Centers.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Fischer, D. L., Grinberg, L. T., Ahrends, J. T., Beach, T. G., Bieniek, K. F., Castellani, R. J., Chkheidze, R., Cobos, I., Cohen, M., Crary, J. F., Dickson, D. W., Dugger, B. N., Dunlop, et al
2025; 21 (10): e70734
- **Epigenomic profile of GBA1 in Parkinson's disease.** *Parkinsonism & related disorders*
Berson, E., Zaghroun, R., Santoro, M., Bukhari, S., Seong, D., Shu, C. H., Perna, A., James, T., Montine, K. S., Serrano, G. E., Beach, T. G., Keene, C. D., Chang, et al
2025; 140: 108066
- **Neuropsychiatric symptom subtypes and dementia-associated neuropathologic change.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Cholerton, B. A., Beecham, G. W., Reitz, C., De Vito, A. N., Cuccaro, M., Kukull, W. A., Montine, T. J., Huey, E. D.
2025; 21 (9): e70622
- **Association of Subjective Memory Complaints With Neuropathologic Changes at Age 90 or Older: The 90+ Study.** *Neurology*
Melikyan, Z. A., Al-Darsani, Z., Colcord, K. A., Paganini-Hill, A., Jiang, L., Bukhari, S. A., Montine, T. J., Kawas, C. H., Corrada, M. M.
2025; 105 (4): e213948
- **Deep learning-based cell type profiles reveal signatures of Alzheimer's disease resilience and resistance.** *Brain : a journal of neurology*
Berson, E., Perna, A., Bukhari, S., Kim, Y., Xue, L., Seong, D., Mataraso, S., Ghanem, M., Chang, A. L., Montine, K. S., Keene, C. D., Kasowski, M., Aghaepour, et al
2025

- **A molecular cell atlas of mouse lemur, an emerging model primate.** *Nature*
Ezran, C., Liu, S., Chang, S., Ming, J., Botvinnik, O., Penland, L., Tarashansky, A., de Morree, A., Travaglini, K. J., Zhao, J., Wang, G., Hasegawa, K., Sin, et al
2025
- **Spatial proteomics of Alzheimer's disease-specific human microglial states.** *Nature immunology*
Mrdjen, D., Cannon, B. J., Amouzgar, M., Kim, Y., Liu, C., Vijayaragavan, K., Camacho, C., Spence, A., McCaffrey, E. F., Bharadwaj, A., Tebaykin, D., Bukhari, S., Bosse, et al
2025
- **Multi-ancestry genome-wide meta-analysis of 56,241 individuals identifies known and novel cross-population and ancestry-specific associations as novel risk loci for Alzheimer's disease.** *Genome biology*
Rajabli, F., Benchek, P., Tosto, G., Kushch, N., Sha, J., Bazemore, K., Zhu, C., Lee, W. P., Haut, J., Hamilton-Nelson, K. L., Wheeler, N. R., Zhao, Y., Farrell, et al
2025; 26 (1): 210
- **Enrichment of extracellular vesicles using Mag-Net for the analysis of the plasma proteome.** *Nature communications*
Wu, C. C., Tsantilas, K. A., Park, J., Plubell, D., Sanders, J. A., Naicker, P., Govender, I., Buthelezi, S., Stoychev, S., Jordaan, J., Merrihew, G., Huang, E., Parker, et al
2025; 16 (1): 5447
- **GWAS of multiple neuropathology endophenotypes identifies new risk loci and provides insights into the genetic risk of dementia (vol 56, pg 2407, 2024) NATURE GENETICS**
Shade, L. M. P., Katsumata, Y., Abner, E. L., Aung, K., Claas, S. A., Qiao, Q., Heberle, B., Brandon, J., Page, M. L., Hohman, T. J., Mukherjee, S., Mayeux, R. P., Farrer, et al
2025
- **Data Independent Acquisition to Inform the Development of Targeted Proteomics Assays Using a Triple Quadrupole Mass Spectrometer.** *Journal of proteome research*
Plubell, D. L., Huang, E., Spencer, S. E., Poston, K. L., Montine, T. J., MacCoss, M. J.
2025
- **LATE-NC Stage 3: a diagnostic rubric to differentiate severe LATE-NC from FTLT-DTP.** *Acta neuropathologica*
Shahidehpour, R. K., Katsumata, Y., Dickson, D. W., Ghayal, N. B., Aung, K. Z., Wu, X., Phe, P., Jicha, G. A., Neltner, A. M., Archer, J. R., Corrada, M. M., Kawas, C. H., Ahmad Sajjadi, et al
2025; 149 (1): 38
- **Parkinson's disease is characterized by vitamin B6-dependent inflammatory kynurenine pathway dysfunction.** *NPJ Parkinson's disease*
Wilson, E. N., Umans, J., Swarovski, M. S., Minhas, P. S., Mendiola, J. H., Midttun, Ø., Ulvik, A., Shahid-Besanti, M., Linortner, P., Mhatre, S. D., Wang, Q., Channappa, D., Corso, et al
2025; 11 (1): 96
- **Author Correction: AI-guided precision parenteral nutrition for neonatal intensive care units.** *Nature medicine*
Phongpreecha, T., Ghanem, M., Reiss, J. D., Oskotsky, T. T., Mataraso, S. J., De Francesco, D., Reincke, S. M., Espinosa, C., Chung, P., Ng, T., Costello, J. M., Sequoia, J. A., Razdan, et al
2025
- **AI-guided precision parenteral nutrition for neonatal intensive care units.** *Nature medicine*
Phongpreecha, T., Ghanem, M., Reiss, J. D., Oskotsky, T., Mataraso, S. J., De Francesco, D., Reincke, S. M., Espinosa, C., Chung, P., Ng, T., Costello, J. M., Sequoia, J. A., Razdan, et al
2025
- **Mediterranean vs. Western diet effects on the primate cerebral cortical pre-synaptic proteome: Relationships with the transcriptome and multi-system phenotypes.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Berson, E., Frye, B. M., Gajera, C. R., Saarunya, G., Perna, A., Phongpreecha, T., Shome, S., Negrey, J. D., Aghaeepour, N., Montine, T. J., Craft, S., Register, T. C., Shively, et al
2025; 21 (3): e70041
- **Reducing Barriers to AI Deployment in Pathology: An Image Source-Agnostic AI Pipeline for Quantifying HER2 Amplification**
Usman, M., Tokuyama, M., Bean, G., Dussaq, A., Montine, T., Phongpreecha, T., Aghaeepour, N., Yang, E.
ELSEVIER SCIENCE INC.2025

- **Exposure to autoimmune disorders is associated with increased Alzheimer's disease risk in a multi-site electronic health record analysis.** *Cell reports. Medicine*
Ramey, G. D., Tang, A., Phongpreecha, T., Yang, M. M., Woldemariam, S. R., Oskotsky, T. T., Montine, T. J., Allen, I., Miller, Z. A., Aghaeepour, N., Capra, J. A., Sirota, M.
2025; 101980
- **Medical Histories Associated With Absence of Alzheimer Disease Neuropathologic Changes in the Oldest-Old: The 90+ Study.** *Neurology*
Lee, S., Rajmohan, R., Al-Darsani, Z., Paganini-Hill, A., Montine, T. J., Corrada, M. M., Kawas, C.
2025; 104 (1): e210107
- **Vascular risk factors and cerebrovascular pathologic changes on autopsy: The 90+ Study.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Rajmohan, R., Al-Darsani, Z., Ho, C. C., Wong, J., Paganini-Hill, A., Montine, T., Corrada, M., Kawas, C.
2025
- **regionalpcs improve discovery of DNA methylation associations with complex traits.** *Nature communications*
Eulalio, T., Sun, M. W., Gevaert, O., Greicius, M. D., Montine, T. J., Nachun, D., Montgomery, S. B.
2025; 16 (1): 368
- **Basic Science and Pathogenesis.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Berson, E., Frye, B. M., Perna, A., Phongpreecha, T., Shome, S., Clarke, G., Negrey, J. D., Aghaeepour, N., Montine, T. J., Craft, S., Register, T. C., Shively, C. A.
2024; 20 Suppl 1: e089274
- **Developing a Research Center for Artificial Intelligence in Medicine.** *Mayo Clinic proceedings. Digital health*
Langlotz, C. P., Kim, J., Shah, N., Lungren, M. P., Larson, D. B., Datta, S., Li, F. F., O'Hara, R., Montine, T. J., Harrington, R. A., Gold, G. E.
2024; 2 (4): 677-686
- **Developing Topics.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Regelson, A. N., Archer, D. B., Durant, A., Mukherjee, S., Lee, M. L., Choi, S. E., Scollard, P., Trittschuh, E. H., Mez, J., Bush, W. S., Kuzma, A. B., Cuccaro, M. L., Cruchaga, et al
2024; 20 Suppl 8: e095364
- **Biomarkers.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Smith, A., Plastini, M. J., Ashton, N. J., Montoliu-Gaya, L., Wilson, E. N., Arslan, B., Young, C. B., Winer, J. R., Shahid, M., Vossler, H., Kerchner, G. A., Cholerton, B., Andreasson, et al
2024; 20 Suppl 2: e091458
- **Clinical Manifestations.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Yu, J., Woodworth, D. C., Bukhari, S. A., Ezzati, A., Montine, T. J., Kawas, C. H., Corrada, M. M., Qian, T., Sajjadi, S. A.
2024; 20 Suppl 3: e091777
- **Basic Science and Pathogenesis.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Libby, J. B., Beecham, G., Montine, T. J., Toga, A. W., Cuccaro, M. L., Keene, C. D., Larson, E. B., Crane, P. K., Mukherjee, S., Panizzon, M. S., Biber, S. A., Kukull, W. A., Bennett, et al
2024; 20 Suppl 1: e092453
- **Basic Science and Pathogenesis.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Gomez, M. L., Beecham, G., Montine, T. J., Cuccaro, M. L., Toga, A. W., Keene, C. D., Crane, P. K., Mukherjee, S., Panizzon, M. S., Biber, S. A., Kukull, W. A., Bennett, D. A., Barnes, et al
2024; 20 Suppl 1: e091485
- **Basic Science and Pathogenesis.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Register, T. C., Frye, B. M., Negrey, J. D., Johnson, C. S., Snyder-Mackler, N., Craft, S., Montine, T. J., Shively, C. A.
2024; 20 Suppl 1: e093067
- **Basic Science and Pathogenesis.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Melikyan, Z. A., Kawas, C. H., Paganini-Hill, A., Al-Darsani, Z., Jiang, L., Bukhari, S. A., Montine, T. J., Corrada, M. M.
2024; 20 Suppl 1: e089868
- **Basic Science and Pathogenesis.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*

Woodworth, D. C., Greenia, D. E., Bukhari, S. A., Montine, T. J., Ezzati, A., Kawas, C. H., Corrada, M. M., Sajjadi, S. A.
2024; 20 Suppl 1: e090878

- **Basic Science and Pathogenesis. *Alzheimer's & dementia : the journal of the Alzheimer's Association***
Wang, T. C., Archer, D. B., Ali, M., Wu, Y., Mormino, E., Buckley, R. F., Lee, A. J., Saykin, A. J., De Jager, P. L., Schneider, J. A., Bennett, D. A., Barnes, L. L., Vardarajan, et al
2024; 20 Suppl 1: e090566
- **Basic Science and Pathogenesis. *Alzheimer's & dementia : the journal of the Alzheimer's Association***
Berson, E., Perna, A., Phongpreecha, T., Aghaeepour, N., Montine, T. J.
2024; 20 Suppl 1: e087057
- **Cerebral amyloid angiopathy impacts neurofibrillary tangle burden and cognition. *Brain communications***
Godrich, D., Pasteris, J., Martin, E. R., Rundek, T., Schellenberg, G., Foroud, T., Vance, J. M., Pericak-Vance, M. A., Cuccaro, M. L., Scott, W. K., Kukull, W., Montine, T. J., Beecham, et al
2024; 6 (6): fcae369
- **Neuronal alpha-Synuclein Disease integrated staging system performance in PPMI, PASADENA, and SPARK baseline cohorts. *NPJ Parkinson's disease***
Dam, T., Pagano, G., Brumm, M. C., Gochanour, C., Poston, K. L., Weintraub, D., Chahine, L. M., Coffey, C., Tanner, C. M., Kopil, C. M., Xiao, Y., Chowdhury, S., Concha-Marambio, et al
2024; 10 (1): 178
- **Parkinson's disease is characterized by vitamin B6-dependent inflammatory kynurenine pathway dysfunction. *Research square***
Wilson, E., Umans, J., Swarovski, M., Minhas, P., Middtun, Ø., Ulvik, A. A., Shahid-Besanti, M., Linortner, P., Mhatre, S., Wang, Q., Channappa, D., Corso, N., Tian, et al
2024
- **Neuronal alpha-Synuclein Disease Integrated Staging System performance in PPMI, PASADENA, and SPARK baseline cohorts. *medRxiv : the preprint server for health sciences***
Dam, T., Pagano, G., Brumm, M. C., Gochanour, C., Poston, K. L., Weintraub, D., Chahine, L. M., Coffey, C., Tanner, C. M., Kopil, C. M., Xiao, Y., Chowdhury, S., Concha-Marambio, et al
2024
- **Single-cell peripheral immunoprofiling of lewy body and Parkinson's disease in a multi-site cohort. *Molecular neurodegeneration***
Phongpreecha, T., Mathi, K., Cholerton, B., Fox, E. J., Sigal, N., Espinosa, C., Reincke, M., Chung, P., Hwang, L. J., Gajera, C. R., Berson, E., Perna, A., Xie, et al
2024; 19 (1): 59
- **Unlocking human immune system complexity through AI. *Nature methods***
Berson, E., Chung, P., Espinosa, C., Montine, T. J., Aghaeepour, N.
2024; 21 (8): 1400-1402
- **The Parkinson's Disease Composite of Executive Functioning: A Measure for Detecting Cognitive Decline in Clinical Trials. *Neurology***
Young, C. B., Cholerton, B., Smith, A. M., Shahid-Besanti, M., Abdelnour, C., Mormino, E. C., Hu, S. C., Chung, K. A., Peterson, A., Rosenthal, L., Pantelyat, A., Dawson, T. M., Quinn, et al
2024; 103 (2): e209609
- **A pathologist-AI collaboration framework for enhancing diagnostic accuracies and efficiencies. *Nature biomedical engineering***
Huang, Z., Yang, E., Shen, J., Gratzinger, D., Eyerer, F., Liang, B., Nirschl, J., Bingham, D., Dussaq, A. M., Kunder, C., Rojansky, R., Gilbert, A., Chang-Graham, et al
2024
- **Plasma pTau181 Reveals a Pathological Signature that Predicts Cognitive Outcomes in Lewy Body Disease. *Annals of neurology***
Abdelnour, C., Young, C. B., Shahid-Besanti, M., Smith, A., Wilson, E. N., Ramos Benitez, J., Vossler, H., Plastini, M. J., Winer, J. R., Kerchner, G. A., Cholerton, B., Andreasson, K. I., Henderson, et al
2024
- **Data Independent Acquisition to Inform the Development of Targeted Proteomics Assays Using a Triple Quadrupole Mass Spectrometer. *bioRxiv : the preprint server for biology***
Plubell, D. L., Huang, E., Spencer, S. E., Poston, K., Montine, T. J., MacCoss, M. J.

2024

- **regionalpcs: improved discovery of DNA methylation associations with complex traits.** *bioRxiv : the preprint server for biology*
Eulalio, T., Sun, M. W., Gevaert, O., Greicius, M. D., Montine, T. J., Nachun, D., Montgomery, S. B.
2024
- **Mediterranean diet protects against a neuroinflammatory cortical transcriptome: Associations with brain volumetrics, peripheral inflammation, social isolation, and anxiety in nonhuman primates (*Macaca fascicularis*).** *Brain, behavior, and immunity*
Frye, B. M., Negrey, J. D., Johnson, C. S., Kim, J., Barcus, R. A., Lockhart, S. N., Whitlow, C. T., Chiou, K. L., Snyder-Mackler, N., Montine, T. J., Craft, S., Shively, C. A., Register, et al
2024
- **Neuropathologic changes at age 90+ related to sleep duration 19 to 40 years earlier: The 90+ Study.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Melikyan, Z. A., Kawas, C. H., Paganini-Hill, A., Jiang, L., Bukhari, S., Montine, T. J., Mander, B. A., Corrada, M. M.
2024
- **Mag-Net: Rapid enrichment of membrane-bound particles enables high coverage quantitative analysis of the plasma proteome.** *bioRxiv : the preprint server for biology*
Wu, C. C., Tsantilas, K. A., Park, J., Plubell, D., Sanders, J. A., Naicker, P., Govender, I., Buthelezi, S., Stoychev, S., Jordaan, J., Merrihew, G., Huang, E., Parker, et al
2024
- **Intra- and post-pandemic impact of the COVID-19 outbreak on Stanford Health Care.** *Academic pathology*
Phongpreecha, T., Berson, E., Xue, L., Shome, S., Saarunya, G., Fralick, J., Ruiz-Tagle, B. G., Foody, A., Chin, A. L., Lim, M., Arthofer, R., Albin, C., Montine, et al
2024; 11 (2): 100113
- **Guidance for a Career in an Academic Medical Center.** *Journal of graduate medical education*
Montine, T. J.
2024; 16 (2): 133-135
- **Comprehensive proteomics of CSF, plasma, and urine identify DDC and other biomarkers of early Parkinson's disease.** *Acta neuropathologica*
Rutledge, J., Lehallier, B., Zarifkar, P., Losada, P. M., Shahid-Besanti, M., Western, D., Gorijala, P., Ryman, S., Yutsis, M., Deutsch, G. K., Mormino, E., Trelle, A., Wagner, et al
2024; 147 (1): 52
- **Multiple biomarkers improve diagnostic accuracy across Lewy body and Alzheimer's disease spectra.** *Annals of clinical and translational neurology*
Plastini, M. J., Abdelnour, C., Young, C. B., Wilson, E. N., Shahid-Besanti, M., Lamoureux, J., Andreasson, K. I., Kerchner, G. A., Montine, T. J., Henderson, V. W., Poston, K. L.
2024
- **Neuropathologic Burden and Dementia in Nonagenarians and Centenarians.** *Neurology*
Cholerton, B., Latimer, C. S., Crane, P. K., Corrada, M. M., Gibbons, L. E., Larson, E. B., Kawas, C. H., Keene, C. D., Montine, T. J.
2024; 102 (3): e208060
- **A biological definition of neuronal α -synuclein disease: towards an integrated staging system for research.** *The Lancet. Neurology*
Simuni, T., Chahine, L. M., Poston, K., Brumm, M., Buracchio, T., Campbell, M., Chowdhury, S., Coffey, C., Concha-Marambio, L., Dam, T., DiBiasi, P., Foroud, T., Frasier, et al
2024; 23 (2): 178-190
- **Lewy body dementia: Overcoming barriers and identifying solutions.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Agarwal, K., Backler, W., Bayram, E., Bloom, L., Boeve, B. F., Cha, J. H., Denslow, M., Ferman, T. J., Galasko, D., Galvin, J. E., Gomperts, S. N., Irizarry, M. C., Kantarci, et al
2024
- **Understanding the molecular basis of resilience to Alzheimer's disease** *FRONTIERS IN NEUROSCIENCE*
Montine, K. S., Berson, E., Phongpreecha, T., Huang, Z., Aghaepour, N., Zou, J. Y., Maccoss, M. J., Montine, T. J.
2023; 17

- **Understanding the molecular basis of resilience to Alzheimer's disease.** *Frontiers in neuroscience*
Montine, K. S., Berson, E., Phongpreecha, T., Huang, Z., Aghaeepour, N., Zou, J. Y., MacCoss, M. J., Montine, T. J.
2023; 17: 1311157
- **Quantitative estimate of cognitive resilience and its medical and genetic associations.** *Alzheimer's research & therapy*
Phongpreecha, T., Godrich, D., Berson, E., Espinosa, C., Kim, Y., Cholerton, B., Chang, A. L., Mataraso, S., Bukhari, S. A., Perna, A., Yakabi, K., Montine, K. S., Poston, et al
2023; 15 (1): 192
- **Unveiling Resilience to Alzheimer's Disease: Insights From Brain Regional Proteomic Markers.** *Neuroscience insights*
Huang, Z., Merrihew, G. E., Larson, E. B., Park, J., Plubell, D., Fox, E. J., Montine, K. S., Keene, C. D., Latimer, C. S., Zou, J. Y., MacCoss, M. J., Montine, T. J.
2023; 18: 26331055231201600
- **Paradigm Shift: Multiple Potential Pathways to Neurodegenerative Dementia.** *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*
Perna, A., Montine, K. S., White, L. R., Montine, T. J., Cholerton, B. A.
2023
- **Paradigm Shift: Multiple Potential Pathways to Neurodegenerative Dementia** *NEUROTHERAPEUTICS*
Perna, A., Montine, K. S., White, L. R., Montine, T. J., Cholerton, B. A.
2023
- **Characterizing Limbic-Predominant Age-Related TDP-43 Encephalopathy Without Alzheimer's Disease and Lewy Body Dementia in the Oldest Old: A Case Series.** *Journal of Alzheimer's disease : JAD*
Leiby, A. C., Scambray, K. A., Nguyen, H. L., Basith, F., Fakhraee, S., Melikyan, Z. A., Bukhari, S. A., Montine, T. J., Corrada, M. M., Kawas, C. H., Sajjadi, S. A.
2023
- **Cross-species comparative analysis of single presynapses.** *Scientific reports*
Berson, E., Gajera, C. R., Phongpreecha, T., Perna, A., Bukhari, S. A., Becker, M., Chang, A. L., De Francesco, D., Espinosa, C., Ravindra, N. G., Postupna, N., Latimer, C. S., Shively, et al
2023; 13 (1): 13849
- **A visual-language foundation model for pathology image analysis using medical Twitter.** *Nature medicine*
Huang, Z., Bianchi, F., Yuksekgonul, M., Montine, T. J., Zou, J.
2023
- **Whole genome deconvolution unveils Alzheimer's resilient epigenetic signature.** *Nature communications*
Berson, E., Sreenivas, A., Phongpreecha, T., Perna, A., Grandi, F. C., Xue, L., Ravindra, N. G., Payrovnaziri, N., Mataraso, S., Kim, Y., Espinosa, C., Chang, A. L., Becker, et al
2023; 14 (1): 4947
- **Neuropathologic Changes of Alzheimer's Disease and Related Dementias: Relevance to Future Prevention.** *Journal of Alzheimer's disease : JAD*
White, L. R., Corrada, M. M., Kawas, C. H., Cholerton, B. A., Edland, S. E., Flanagan, M. E., Montine, T. J.
2023
- **Characterization of hippocampal sclerosis of aging and its association with other neuropathologic changes and cognitive deficits in the oldest-old.** *Acta neuropathologica*
Sordo, L., Qian, T., Bukhari, S. A., Nguyen, K. M., Woodworth, D. C., Head, E., Kawas, C. H., Corrada, M. M., Montine, T. J., Sajjadi, S. A.
2023
- **Clonal hematopoiesis is associated with protection from Alzheimer's disease.** *Nature medicine*
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