



## Thomas Montine, MD, PhD

Stanford Medicine Professor of Pathology

### CLINICAL OFFICES

- **Department of Pathology**

300 Pasteur Dr Rm L235

MC 5324

Stanford, CA 94305

**Tel** (650) 723-7975

**Fax** (650) 725-6902

### ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Shelby Abuhatzira - Executive Assistant

**Email** shelby91@stanford.edu

**Tel** (650) 725-9352

### Bio

---

#### BIO

Dr. Montine received his education at Columbia University (BA in Chemistry), the University of Rochester (PhD in Pharmacology), and McGill University (MD and CM). His postgraduate medical training was at Duke University, and he was junior faculty at Vanderbilt University where he was awarded the Thorne Professorship in Pathology. In 2002, Dr. Montine was appointed as the Alvord Endowed Professor in Neuropathology and Director of the Division of Neuropathology at the University of Washington. He was Director of the University of Washington Alzheimer's Disease Research Center, one of the original 10 Centers in the US, and passed that responsibility to able colleagues. Dr. Montine was the founding Director of the Pacific Udall Center, a NINDS-funded Morris K. Udall Centers of Excellence for Parkinson's Disease Research. In 2010, Dr. Montine was appointed Chair of the Department of Pathology at the University of Washington. In 2016, Dr. Montine was appointed Chair of the Department of Pathology at Stanford University where he is the Stanford Medicine Endowed Professor in Pathology.

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

- Neuropathology

#### 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://www.montinelab.com/>

## Teaching

---

### STANFORD ADVISEES

#### Postdoctoral Faculty Sponsor

Amalia Perna, Mohit Rastogi, Viktoria Szeifert, Azusa Terasaki

## Publications

---

### PUBLICATIONS

- **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*  
Bouzig, H., Belk, J. A., Jan, M., Qi, Y., Sarnowski, C., Wirth, S., Ma, L., Chrostek, M. R., Ahmad, H., Nachun, D., Yao, W., Beiser, A., Bick, et al  
2023
- **Metrologically Traceable Quantification of 3 Apolipoprotein E Isoforms in Cerebrospinal Fluid.** *Clinical chemistry*  
Huynh, H., Kuch, K., Orquillas, A., Forrest, K., Barahona-Carrillo, L., Keene, D., Henderson, V. W., Wagner, A. D., Poston, K. L., Montine, T. J., Lin, A., Tian, L., MacCoss, et al  
2023
- **Brain proteomic analysis implicates actin filament processes and injury response in resilience to Alzheimer's disease.** *Nature communications*  
Huang, Z., Merrihew, G. E., Larson, E. B., Park, J., Plubell, D., Fox, E. J., Montine, K. S., Latimer, C. S., Dirk Keene, C., Zou, J. Y., MacCoss, M. J., Montine, T. J.  
2023; 14 (1): 2747
- **Predicting lymph node metastasis from primary tumor histology and clinicopathologic factors in colorectal cancer using deep learning.** *Communications medicine*  
Kroegue, J. D., Azizi, S., Tan, F., Flament-Auvigne, I., Brown, T., Plass, M., Reihls, R., Müller, H., Zatloukal, K., Richeson, P., Corrado, G. S., Peng, L. H., Mermel, et al  
2023; 3 (1): 59

- **A peptide-centric quantitative proteomics dataset for the phenotypic assessment of Alzheimer's disease.** *Scientific data*  
Merrihew, G. E., Park, J., Plubell, D., Searle, B. C., Keene, C. D., Larson, E. B., Bateman, R., Perrin, R. J., Chhatwal, J. P., Farlow, M. R., McLean, C. A., Ghetti, B., Newell, et al  
2023; 10 (1): 206
- **Superior Global Cognition in Oldest-Old Is Associated with Resistance to Neurodegenerative Pathologies: Results from The 90+ Study.** *Journal of Alzheimer's disease : JAD*  
Biswas, R., Kawas, C., Montine, T. J., Bukhari, S. A., Jiang, L., Corrada, M. M.  
2023
- **Rapid Deployment of Whole Slide Imaging for Primary Diagnosis in Surgical Pathology at Stanford Medicine Responding to Challenges of the COVID-19 Pandemic** *ARCHIVES OF PATHOLOGY & LABORATORY MEDICINE*  
Rojansky, R., Jhun, I., Dussaq, A. M., Chirieleison, S. M., Nirschl, J. J., Born, D., Fralick, J., Hetherington, W., Kerr, A. M., Lavezo, J., Lawrence, D. B., Lummus, S., Macasaet, et al  
2023; 147 (3): 359-367
- **Study of neuropathological changes and dementia in 100 centenarians in The 90+ Study.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*  
Neuville, R. S., Biswas, R., Ho, C. C., Bukhari, S., Sajjadi, S. A., Paganini-Hill, A., Montine, T. J., Corrada, M. M., Kawas, C. H.  
2023
- **Illusory Responses across the Lewy Body Disease Spectrum** *ANNALS OF NEUROLOGY*  
Shahid, M., Rawls, A., Ramirez, V., Ryman, S., Santini, V. E., Yang, L., Sha, S. J., Hall, J. N., Montine, T. J., Lin, A., Tian, L., Henderson, V. W., Cholerton, et al  
2023
- **AGING, COGNITIVE, AND PHYSICAL DECLINE IN VERVETS ( CHLOROCEBUS AETHIOPS SABAEUS)**  
Shively, C. A., Frye, B. M., Craft, S. M., Latimer, C., Keene, C. D., Montine, T. J., Register, T. C., Jorgensen, M. J., Andrews, R. N., Kim, J., Barcus, R. A., Whitlow, C. T., Lockhart, et al  
WILEY.2023
- **Prediction of neuropathologic lesions from clinical data.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*  
Phongpreecha, T., Cholerton, B., Bhukari, S., Chang, A. L., De Francesco, D., Thuraiappah, M., Godrich, D., Perna, A., Becker, M. G., Ravindra, N. G., Espinosa, C., Kim, Y., Berson, et al  
2023
- **Gait and balance in apolipoprotein #4 allele carriers in older adults and Parkinson's disease.** *Clinical parkinsonism & related disorders*  
Morris, R., Martini, D. N., Kelly, V. E., Smulders, K., Ramsey, K., Hiller, A., Chung, K. A., Hu, S., Zabetian, C. P., Poston, K. L., Mata, I. F., Edwards, K. L., Lapidus, et al  
2023; 9: 100201
- **Alzheimer's Disease Neuropathologic Change and Vitamin Supplement Use Decades Earlier The 90+Study** *ALZHEIMER DISEASE & ASSOCIATED DISORDERS*  
Paganini-Hill, A., Bukhari, S., Montine, T. J., Corrada, M. M., Kawas, C. H.  
2023; 37 (1): 1-6
- **LATE and potential estrogen-related risk factors collected 30 years earlier:The 90+ Study.** *Journal of neuropathology and experimental neurology*  
Paganini-Hill, A., Montine, T. J., Bukhari, S. A., Corrada, M. M., Kawas, C. H., Sajjadi, S. A.  
2022
- **LATE-NC staging in routine neuropathologic diagnosis: an update.** *Acta neuropathologica*  
Nelson, P. T., Lee, E. B., Cykowski, M. D., Alafuzoff, I., Arfanakis, K., Attems, J., Brayne, C., Corrada, M. M., Dugger, B. N., Flanagan, M. E., Ghetti, B., Grinberg, L. T., Grossman, et al  
2022
- **Methylation differences in Alzheimer's disease neuropathologic change in the aged human brain.** *Acta neuropathologica communications*  
Lang, A. L., Eulalio, T., Fox, E., Yakabi, K., Bukhari, S. A., Kawas, C. H., Corrada, M. M., Montgomery, S. B., Heppner, F. L., Capper, D., Nachun, D., Montine, T. J.  
2022; 10 (1): 174
- **Performance of a fully-automated Lumipulse plasma phospho-tau181 assay for Alzheimer's disease.** *Alzheimer's research & therapy*  
Wilson, E. N., Young, C. B., Ramos Benitez, J., Swarovski, M. S., Feinstein, I., Vandijck, M., Le Guen, Y., Kasireddy, N. M., Shahid, M., Corso, N. K., Wang, Q., Kennedy, G., Trelle, et al

2022; 14 (1): 172

- **Single-cell spatial proteomic imaging for human neuropathology.** *Acta neuropathologica communications*  
Vijayaragavan, K., Cannon, B. J., Tebaykin, D., Bosse, M., Baranski, A., Oliveria, J. P., Bukhari, S. A., Mrdjen, D., Corces, M. R., McCaffrey, E. F., Greenwald, N. F., Sigal, Y., Marquez, et al  
2022; 10 (1): 158
- **Impact and Risk Factors of Limbic Predominant Age-Related TDP-43 Encephalopathy Neuropathologic Change in an Oldest Old Cohort.** *Neurology*  
Sajjadi, S. A., Bukhari, S., Scambray, K., Yan, R., Kawas, C., Montine, T. J., Corrada, M. M.  
2022
- **Development of mutation-selective LRRK2 kinase inhibitors as precision medicine for Parkinson's disease and other diseases for which carriers are at increased risk** *FRONTIERS IN NEUROLOGY*  
Lesniak, R. K., Nichols, R., Montine, T. J.  
2022; 13: 1016040
- **Plasma Exchange in Alzheimer's Disease.** *Transfusion medicine reviews*  
Rohrer, L., Yunce, M., Montine, T. J., Shan, H.  
2022
- **Illusory responses across the Lewy body disease spectrum**  
Shahid, M., Rawls, A., Ramirez, V., Ryman, S., Santini, V., Yang, L., Sha, S., Hall, J., Montine, T., Lin, A., Tian, L., Henderson, V., Cholerton, et al  
WILEY.2022: S364-S365
- **Discovery of azaspirocyclic 1H-3,4,5-Trisubstitued pyrazoles as novel G2019S-LRRK2 selective kinase inhibitors.** *European journal of medicinal chemistry*  
Lesniak, R. K., Nichols, R. J., Schonemann, M., Zhao, J., Gajera, C. R., Lam, G., Nguyen, K. C., Langston, J. W., Smith, M., Montine, T. J.  
2022; 242: 114693
- **Semi-quantitative Assessment of Alzheimer's-like Pathology in Two Aged Polar Bears (Ursus maritimus).** *Comparative medicine*  
Lucot, K. L., Bukhari, S. A., Webber, E. D., Bonham, T. A., Darian-Smith, C., Montine, T. J., Green, S. L.  
2022
- **SARS-CoV-2 Brain Regional Detection, Histopathology, Gene Expression, and Immunomodulatory Changes in Decedents with COVID-19.** *Journal of neuropathology and experimental neurology*  
Serrano, G. E., Walker, J. E., Tremblay, C., Piras, I. S., Huentelman, M. J., Belden, C. M., Goldfarb, D., Shprecher, D., Atri, A., Adler, C. H., Shill, H. A., Driver-Dunckley, E., Mehta, et al  
2022
- **Rapid Deployment of Whole Slide Imaging for Primary Diagnosis in Surgical Pathology at Stanford Medicine.** *Archives of pathology & laboratory medicine*  
Rojansky, R., Jhun, I., Dussaq, A. M., Chirieleison, S. M., Nirschl, J. J., Born, D., Fralick, J., Hetherington, W., Kerr, A. M., Lavezo, J., Lawrence, D. B., Lummus, S., Macasaet, et al  
2022
- **Testing Gender and Longitudinal Measurement Invariance of the SF-36 in American Indian Older Adults: The Strong Heart Study** *PSYCHOLOGICAL ASSESSMENT*  
Barbosa-Leiker, C., Burduli, E., Arias-Losado, R., Muller, C., Noonan, C., Suchy-Dicey, A., Nelson, L., Verney, S. P., Montine, T. J., Buchwald, D.  
2022
- **Parkinson's Progression Markers Initiative brain autopsy program.** *Parkinsonism & related disorders*  
Bukhari, S. A., Nudelman, K. N., Rumbaugh, M., Richeson, P., Fox, E. J., Montine, K. S., Aldecoa, I., Garrido, A., Franz, J., Stadelmann, C., Vonsattel, J. P., Poston, K. L., Foroud, et al  
2022; 101: 62-65
- **Targeting LRRK2 mutations in Parkinson's disease.** *Future medicinal chemistry*  
Lesniak, R. K., Nichols, R. J., Smith, M., Montine, T. J.  
2022
- **Cognition as a mediator for gait and balance impairments in GBA-related Parkinson's disease.** *NPJ Parkinson's disease*  
Morris, R., Martini, D. N., Ramsey, K., Kelly, V. E., Smulders, K., Hiller, A., Chung, K. A., Hu, S., Zabetian, C. P., Poston, K. L., Mata, I. F., Edwards, K. L., Lapidus, et al  
2022; 8 (1): 78

- **Association of Cognition and Dementia With Neuropathologic Changes of Alzheimer Disease and Other Conditions in the Oldest-Old.** *Neurology*  
Montine, T. J., Corrada, M. M., Kawas, C., Bukhari, S., White, L., Tian, L., Cholerton, B.  
2022
- **Frequency of LATE neuropathologic change across the spectrum of Alzheimer's disease neuropathology: combined data from 13 community-based or population-based autopsy cohorts.** *Acta neuropathologica*  
Nelson, P. T., Brayne, C., Flanagan, M. E., Abner, E. L., Agrawal, S., Attems, J., Castellani, R. J., Corrada, M. M., Cykowski, M. D., Di, J., Dickson, D. W., Dugger, B. N., Ervin, et al  
2022
- **Discovery of 1H-Pyrazole Biaryl Sulfonamides as Novel G2019S-LRRK2 Kinase Inhibitors.** *ACS medicinal chemistry letters*  
Lesniak, R. K., Nichols, R. J., Schonemann, M., Zhao, J., Gajera, C. R., Lam, G., Nguyen, K. C., Langston, J. W., Smith, M., Montine, T. J.  
2022; 13 (6): 981-988
- **Evaluation of Current Methods to Detect Cellular Leucine-Rich Repeat Kinase 2 (LRRK2) Kinase Activity.** *Journal of Parkinson's disease*  
Fernandez, B., Chittoor-Vinod, V. G., Kluss, J. H., Kelly, K., Bryant, N., Nguyen, A. P., Bukhari, S. A., Smith, N., Lara Ordonez, A. J., Fdez, E., Chartier-Harlin, M., Montine, T. J., Wilson, et al  
2022
- **Acute Infarction, Hemorrhage and White Matter Beta-Amyloid Precursor Protein Immunostaining in COVID-19 and Control Subjects**  
DeTure, M., Walker, J., Arce, R., Glass, M., Sue, L., Intorcchia, A., Nelson, C., Suszczewicz, K., Borja, C., Montine, T., Pinsky, B., Zehnder, J., Serrano, et al  
OXFORD UNIV PRESS INC.2022: 476
- **Dysregulation of Brain inflammation in COVID-19: An autopsy series**  
Piras, I., Huentelman, M., Walker, J., Arce, R., Tremblay, C., Glass, M., Sue, L., Nelson, C., Suszczewicz, K., Borja, C., Cline, M., Montine, T., Pinsky, et al  
OXFORD UNIV PRESS INC.2022: 476
- **One Hundred Centenarians: Brain Pathology and Relationship to Dementia in The 90+Study (P1-1.Virtual)**  
Neuville, R., Ho, C., Sajjadi, S., Biswas, R., Montine, T., Corrada, M., Kawas, C.  
LIPPINCOTT WILLIAMS & WILKINS.2022
- **AI-enabled in silico immunohistochemical characterization for Alzheimer's disease.** *Cell reports methods*  
He, B., Bukhari, S., Fox, E., Abid, A., Shen, J., Kawas, C., Corrada, M., Montine, T., Zou, J.  
2022; 2 (4): 100191
- **Predictive Modeling of Alzheimer's and Parkinson's Disease Using Metabolomic and Lipidomic Profiles from Cerebrospinal Fluid.** *Metabolites*  
Hwangbo, N., Zhang, X., Raftery, D., Gu, H., Hu, S., Montine, T. J., Quinn, J. F., Chung, K. A., Hiller, A. L., Wang, D., Fei, Q., Bettcher, L., Zabetian, et al  
2022; 12 (4)
- **Cognitive resilience to three dementia-related neuropathologies in an oldest-old man: A case report from The 90+ Study.** *Neurobiology of aging*  
Melikyan, Z. A., Corrada, M. M., Leiby, A., Sajjadi, S. A., Bukhari, S., Montine, T. J., Kawas, C. H.  
2022; 116: 12-15
- **Putting Humpty Dumpty Back Together Again: What Does Protein Quantification Mean in Bottom-Up Proteomics?** *Journal of proteome research*  
Plubell, D. L., Kall, L., Webb-Robertson, B., Bramer, L. M., Ives, A., Kelleher, N. L., Smith, L. M., Montine, T. J., Wu, C. C., MacCoss, M. J.  
2022
- **Hemispheric Asymmetry and Atypical Lobar Progression of Alzheimer-Type Tauopathy.** *Journal of neuropathology and experimental neurology*  
Tremblay, C., Serrano, G. E., Intorcchia, A. J., Curry, J., Sue, L. I., Nelson, C. M., Walker, J. E., Glass, M. J., Arce, R. A., Fleisher, A. S., Pontecorvo, M. J., Atri, A., Montine, et al  
2022
- **TRACKING INNATE IMMUNE ACTIVATION IN A MOUSE MODEL OF PARKINSON'S DISEASE USING TREM1 AND TSPO PET TRACERS.** *Journal of nuclear medicine : official publication, Society of Nuclear Medicine*  
Lucot, K. L., Stevens, M. Y., Bonham, T. A., Azevedo, E. C., Chaney, A. M., Webber, E. D., Jain, P., Klockow, J. L., Jackson, I. M., Carlson, M. L., Graves, E. E., Montine, T. J., James, et al  
2022
- **Neuropathological lesions and their contribution to dementia and cognitive impairment in a heterogeneous clinical population.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*  
Godrich, D., Martin, E. R., Schellenberg, G., Pericak-Vance, M. A., Cuccaro, M., Scott, W. K., Kukull, W., Montine, T., Beecham, G. W.

2022

- **Epigenomic priming of immune genes implicates oligodendroglia in multiple sclerosis susceptibility.** *Neuron*  
Meijer, M., Agirre, E., Kabbe, M., van Tuijn, C. A., Heskol, A., Zheng, C., Mendanha Falcao, A., Bartosovic, M., Kirby, L., Calini, D., Johnson, M. R., Corces, M. R., Montine, et al  
1800
- **Phenotypic Heterogeneity among GBA p.R202X Carriers in Lewy Body Spectrum Disorders.** *Biomedicines*  
Napolioni, V., Fredericks, C. A., Kim, Y., Channappa, D., Khan, R. R., Kim, L. H., Zafar, F., Couthouis, J., Davidzon, G. A., Mormino, E. C., Gitler, A. D., Montine, T. J., Schule, et al  
1800; 10 (1)
- **The Roc domain of LRRK2 as a hub for protein-protein interactions: a focus on PAK6 and its impact on RAB phosphorylation.** *Brain research*  
Cogo, S., Ho, F. Y., Tosoni, E., Tomkins, J. E., Tessari, I., Iannotta, L., Montine, T. J., Manzoni, C., Lewis, P. A., Bubacco, L., Chartier Harlin, M., Taymans, J., Kortholt, et al  
1800: 147781
- **Mass Synaptometry: Applying Mass Cytometry to Single Synapse Analysis.** *Methods in molecular biology (Clifton, N.J.)*  
Gajera, C. R., Fernandez, R., Postupna, N., Montine, K. S., Keene, C. D., Bendall, S. C., Montine, T. J.  
1800; 2417: 69-88
- **Discovery of G2019S-Selective Leucine Rich Repeat Protein Kinase 2 inhibitors with invivo efficacy.** *European journal of medicinal chemistry*  
Lesniak, R. K., Nichols, R. J., Schonemann, M., Zhao, J., Gajera, C. R., Fitch, W. L., Lam, G., Nguyen, K. C., Smith, M., Montine, T. J.  
1800; 229: 114080
- **Single-synapse analyses of Alzheimer's disease implicate pathologic tau, DJ1, CD47, and ApoE.** *Science advances*  
Phongpreecha, T., Gajera, C. R., Liu, C. C., Vijayaragavan, K., Chang, A. L., Becker, M., Fallahzadeh, R., Fernandez, R., Postupna, N., Sherfield, E., Tebaykin, D., Latimer, C., Shively, et al  
1800; 7 (51): eabk0473
- **Neuropathologic lesions and comorbidity in Alzheimer disease and related dementias in a heterogeneous clinical population.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*  
Godrich, D., Richeson, P., Schellenberg, G. D., Scott, W. K., Montine, T. J., Beecham, G. W.  
1800; 17 Suppl 3: e056249
- **Clonal Hematopoiesis is Associated with Reduced Risk of Alzheimer's Disease**  
Bouzd, H., Belk, J., Jan, M., Qi, Y., Sarnowski, C., Wirth, S., Ma, L., Chrostek, M., Ahmad, H., Nachun, D., Yao, W., Beiser, A., Bick, et al  
AMER SOC HEMATOLOGY.2021
- **Diet Effects on Cerebrospinal Fluid Amino Acids Levels in Adults with Normal Cognition and Mild Cognitive Impairment.** *Journal of Alzheimer's disease : JAD*  
Russin, K. J., Nair, K. S., Montine, T. J., Baker, L. D., Craft, S.  
2021
- **GATM and GAMT synthesize creatine locally throughout the mammalian body and within oligodendrocytes of the brain.** *Brain research*  
Baker, S. A., Gajera, C. R., Wawro, A. M., Corces, M. R., Montine, T. J.  
2021: 147627
- **A metabolomic aging clock using human CSF.** *The journals of gerontology. Series A, Biological sciences and medical sciences*  
Hwangbo, N., Zhang, X., Raftery, D., Gu, H., Hu, S., Montine, T. J., Quinn, J. F., Chung, K. A., Hiller, A. L., Wang, D., Fei, Q., Bettcher, L., Zabetian, et al  
2021
- **Semantic fluency and processing speed are reduced in non-cognitively impaired participants with Parkinson's disease.** *Journal of clinical and experimental neuropsychology*  
Cholerton, B. A., Poston, K. L., Yang, L., Rosenthal, L. S., Dawson, T. M., Pantelyat, A., Edwards, K. L., Tian, L., Quinn, J. F., Chung, K. A., Hiller, A. L., Hu, S., Montine, et al  
2021: 1-12
- **Mapping of SARS-CoV-2 Brain Invasion in COVID-19 Disease**  
Serrano, G., Walkera, J., Arce, R., Glass, M., Vargas, D., Sue, L., Intorcica, A., Nelson, C., Oliver, J., Papa, J., Russell, A., Suszczewicz, K., Borja, et al  
OXFORD UNIV PRESS INC.2021: 585

- **Gender Differences in the Assessment of Depression in American Indian Older Adults: The Strong Heart Study** *PSYCHOLOGICAL ASSESSMENT*  
Barbosa-Leiker, C., Burduli, E., Arias-Losado, R., Muller, C., Noonan, C., Suchy-Dacey, A., Nelson, L., Verney, S. P., Montine, T. J., Buchwald, D.  
2021; 33 (6): 574-579
- **Brain Histopathology in Subjects with COVID-19 Disease**  
Beach, T., Dickson, D., Deture, M., Walker, J., Arce, R., Glass, M., Vargas, D., Sue, L., Intorcica, A., Nelson, C., Oliver, J., Russell, A., Suszczewicz, et al  
OXFORD UNIV PRESS INC.2021: 585
- **Development of a Sensitive Diagnostic Assay for Parkinson Disease Quantifying alpha-Synuclein-Containing Extracellular Vesicles.** *Neurology*  
Hong, Z., Tian, C., Stewart, T., Aro, P., Soltys, D., Bercow, M., Sheng, L., Borden, K., Khrisat, T., Pan, C., Zabetian, C. P., Peskind, E. R., Quinn, et al  
2021; 96 (18): e2332-e2345
- **Enantiomers of 2-methylglutamate and 2-methylglutamine selectively impact mouse brain metabolism and behavior.** *Scientific reports*  
Wawro, A. M., Gajera, C. R., Baker, S. A., Lesniak, R. K., Fischer, C. R., Saw, N. L., Shamloo, M., Montine, T. J.  
2021; 11 (1): 8138
- **Mass-tag barcoding for multiplexed analysis of human synaptosomes and other anuclear events.** *Cytometry. Part A : the journal of the International Society for Analytical Cytology*  
Gajera, C. R., Fernandez, R., Montine, K. S., Fox, E. J., Mrdjen, D., Postupna, N. O., Keene, C. D., Bendall, S. C., Montine, T. J.  
2021
- **Aging-related Alzheimer's disease-like neuropathology and functional decline in captive vervet monkeys (*Chlorocebus aethiops sabaeus*).** *American journal of primatology*  
Frye, B. M., Craft, S., Latimer, C. S., Keene, C. D., Montine, T. J., Register, T. C., Orr, M. E., Kavanagh, K., Macauley, S. L., Shively, C. A.  
2021: e23260
- **Establishing a Data Science Unit in an Academic Medical Center: An Illustrative Model.** *Academic medicine : journal of the Association of American Medical Colleges*  
Desai, M., Boulos, M., Pomann, G. M., Steinberg, G. K., Longo, F. M., Leonard, M., Montine, T., Blomkalns, A. L., Harrington, R. A.  
2021
- **Collaborative Neuropathology Network Characterizing Outcomes of TBI (CONNECT-TBI).** *Acta neuropathologica communications*  
Smith, D. H., Dolle, J., Ameen-Ali, K. E., Bretzin, A., Cortes, E., Crary, J. F., Dams-O'Connor, K., Diaz-Arrastia, R., Edlow, B. L., Folkerth, R., Hazrati, L., Hinds, S. R., Iacono, et al  
2021; 9 (1): 32
- **Cognition at Each Stage of Lewy Body Disease with Co-occurring Alzheimer's Disease Pathology.** *Journal of Alzheimer's disease : JAD*  
Ryman, S. G., Yutsis, M., Tian, L., Henderson, V. W., Montine, T. J., Salmon, D. P., Galasko, D., Poston, K. L.  
2021
- **Genetic Insights into Alzheimer's Disease.** *Annual review of pathology*  
Latimer, C. S., Lucot, K. L., Keene, C. D., Cholerton, B., Montine, T. J.  
2021; 16: 351-76
- **Cognitive Impairment in Older Adults and Therapeutic Strategies.** *Pharmacological reviews*  
Montine, T. J., Bukhari, S. A., White, L. R.  
2021; 73 (1): 152-62
- **Does Data-Independent Acquisition Data Contain Hidden Gems? A Case Study Related to Alzheimer's Disease.** *Journal of proteome research*  
Hubbard, E. E., Heil, L. R., Merrihew, G. E., Chhatwal, J. P., Farlow, M. R., McLean, C. A., Ghetti, B., Newell, K. L., Frosch, M. P., Bateman, R. J., Larson, E. B., Keene, C. D., Perrin, et al  
2021
- **Isoform-specific dysregulation of AMP-activated protein kinase signaling in a non-human primate model of Alzheimer's disease.** *Neurobiology of disease*  
Wang, X., Zhou, X., Uberseder, B., Lee, J., Latimer, C. S., Furdul, C. M., Keene, C. D., Montine, T. J., Register, T. C., Craft, S., Shively, C. A., Ma, T.  
2021: 105463
- **Genome-wide association study and functional validation implicates JADE1 in tauopathy.** *Acta neuropathologica*  
Farrell, K., Kim, S., Han, N., Iida, M. A., Gonzalez, E. M., Otero-Garcia, M., Walker, J. M., Richardson, T. E., Renton, A. E., Andrews, S. J., Fulton-Howard, B., Humphrey, J., Vialle, et al



2021

- **Enantiomers of 4-aminopentanoic acid act as false GABAergic neurotransmitters and impact mouse behavior.** *Journal of neurochemistry*  
Wawro, A. M., Gajera, C. R., Baker, S. A., Leśniak, R. K., Montine, K. S., Fischer, C. R., Saw, N. L., Shamloo, M., Montine, T. J.  
2021
- **The Delayed Neuropathological Consequences of Traumatic Brain Injury in a Community-Based Sample.** *Frontiers in neurology*  
Postupna, N., Rose, S. E., Gibbons, L. E., Coleman, N. M., Hellstern, L. L., Ritchie, K., Wilson, A. M., Cudaback, E., Li, X., Melief, E. J., Beller, A. E., Miller, J. A., Nolan, et al  
2021; 12: 624696
- **Angiotensin-converting enzyme 2 (ACE2) expression increases with age in patients requiring mechanical ventilation.** *PloS one*  
Baker, S. A., Kwok, S. n., Berry, G. J., Montine, T. J.  
2021; 16 (2): e0247060
- **Creatine transport and pathological changes in creatine transporter deficient mice.** *Journal of inherited metabolic disease*  
Wawro, A. M., Gajera, C. R., Baker, S. A., Nirschl, J. J., Vogel, H. n., Montine, T. J.  
2021
- **Relationship between Sensorimotor Inhibition and Mobility in Older Adults with and without Parkinson's Disease.** *The journals of gerontology. Series A, Biological sciences and medical sciences*  
Martini, D. N., Morris, R., Madhyastha, T. M., Grabowski, T. J., Oakley, J., Hu, S., Zabetian, C. P., Edwards, K. L., Hiller, A., Chung, K., Ramsey, K., Lapidus, J. A., Cholerton, et al  
2020
- **Single-cell peripheral immunoprofiling of Alzheimer's and Parkinson's diseases.** *Science advances*  
Phongpreecha, T., Fernandez, R., Mrdjen, D., Culos, A., Gajera, C. R., Wawro, A. M., Stanley, N., Gaudilliere, B., Poston, K. L., Aghaeepour, N., Montine, T. J.  
2020; 6 (48)
- **Single-cell epigenomic analyses implicate candidate causal variants at inherited risk loci for Alzheimer's and Parkinson's diseases.** *Nature genetics*  
Corces, M. R., Shcherbina, A., Kundu, S., Gloudemans, M. J., Fresard, L., Granja, J. M., Louie, B. H., Eulalio, T., Shams, S., Bagdatli, S. T., Mumbach, M. R., Liu, B., Montine, et al  
2020
- **Novel Alzheimer Disease Risk Loci and Pathways in African American Individuals Using the African Genome Resources Panel: A Meta-analysis.** *JAMA neurology*  
Kunkle, B. W., Schmidt, M., Klein, H., Naj, A. C., Hamilton-Nelson, K. L., Larson, E. B., Evans, D. A., De Jager, P. L., Crane, P. K., Buxbaum, J. D., Ertekin-Taner, N., Barnes, L. L., Fallin, et al  
2020
- **Single-Cell Analyses Identify Brain Mural Cells Expressing CD19 as Potential Off-Tumor Targets for CAR-T Immunotherapies.** *Cell*  
Parker, K. R., Migliorini, D., Perkey, E., Yost, K. E., Bhaduri, A., Bagga, P., Haris, M., Wilson, N. E., Liu, F., Gabunia, K., Scholler, J., Montine, T. J., Bhoj, et al  
2020
- **Hallucinations and Development of Dementia in Parkinson's Disease.** *Journal of Parkinson's disease*  
Gryc, W., Roberts, K. A., Zabetian, C. P., Weintraub, D., Trojanowski, J. Q., Quinn, J. F., Hiller, A. L., Chung, K. A., Poston, K. L., Yang, L., Hu, S., Edwards, K. L., Montine, et al  
2020
- **Comparison of regional flortaucipir PET with quantitative tau immunohistochemistry in three subjects with Alzheimer's disease pathology: a clinicopathological study.** *EJNMMI research*  
Pontecorvo, M. J., Keene, C. D., Beach, T. G., Montine, T. J., Arora, A. K., Devous, M. D., Navitsky, M., Kennedy, I., Joshi, A. D., Lu, M., Serrano, G. E., Sue, L. I., Intorcica, et al  
2020; 10 (1): 65
- **Visualizing innate immune activation in a mouse model of Parkinson's disease using a highly specific TREM1-PET tracer.**  
Lucot, K., Stevens, M., Jain, P., Bonham, T., Webber, E., Klockow, J., Azevedo, E., Chaney, A., Graves, E., Montine, T., James, M.  
SOC NUCLEAR MEDICINE INC.2020
- **Positron Emission Tomography Imaging With [18F]flortaucipir and Postmortem Assessment of Alzheimer Disease Neuropathologic Changes.** *JAMA neurology*



- Fleisher, A. S., Pontecorvo, M. J., Devous, M. D., Lu, M., Arora, A. K., Truocchio, S. P., Aldea, P., Flitter, M., Locascio, T., Devine, M., Siderowf, A., Beach, T. G., Montine, et al  
2020
- **APOE epsilon 4-related differences in visuospatial impairment in female Parkinson's Disease patients**  
Rawls, A., Yang, L., Chung, K., Hiller, A., Espay, A., Revilla, F., Devoto, J., Goldman, J., Stebbins, G., Bernard, B., Wszolek, Z., Ross, O., Dickson, et al  
LIPPINCOTT WILLIAMS & WILKINS.2020
  - **Large-scale proteomic analysis of Alzheimer's disease brain and cerebrospinal fluid reveals early changes in energy metabolism associated with microglia and astrocyte activation.** *Nature medicine*  
Johnson, E. C., Dammer, E. B., Duong, D. M., Ping, L., Zhou, M., Yin, L., Higginbotham, L. A., Guajardo, A., White, B., Troncoso, J. C., Thambisetty, M., Montine, T. J., Lee, et al  
2020
  - **Exceptionally low likelihood of Alzheimer's dementia in APOE2 homozygotes from a 5,000-person neuropathological study.** *Nature communications*  
Reiman, E. M., Arboleda-Velasquez, J. F., Quiroz, Y. T., Huentelman, M. J., Beach, T. G., Caselli, R. J., Chen, Y. n., Su, Y. n., Myers, A. J., Hardy, J. n., Paul Vonsattel, J. n., Younkin, S. G., Bennett, et al  
2020; 11 (1): 667
  - **Multivariate prediction of dementia in Parkinson's disease.** *NPJ Parkinson's disease*  
Phongpreecha, T., Cholerton, B., Mata, I. F., Zabetian, C. P., Poston, K. L., Aghaeepour, N., Tian, L., Quinn, J. F., Chung, K. A., Hiller, A. L., Hu, S. C., Edwards, K. L., Montine, et al  
2020; 6 (1): 20
  - **Author Correction: Engineering monocyte/macrophage-specific glucocerebrosidase expression in human hematopoietic stem cells using genome editing.** *Nature communications*  
Scharenberg, S. G., Poletto, E. n., Lucot, K. L., Colella, P. n., Sheikali, A. n., Montine, T. J., Porteus, M. H., Gomez-Ospina, N. n.  
2020; 11 (1): 4231
  - **Soluble TREM2 is elevated in Parkinson's disease subgroups with increased CSF tau.** *Brain : a journal of neurology*  
Wilson, E. N., Swarovski, M. S., Linortner, P. n., Shahid, M. n., Zuckerman, A. J., Wang, Q. n., Channappa, D. n., Minhas, P. S., Mhatre, S. D., Plowey, E. D., Quinn, J. F., Zabetian, C. P., Tian, et al  
2020
  - **Impact of a deep learning assistant on the histopathologic classification of liver cancer.** *NPJ digital medicine*  
Kiani, A. n., Uyumazturk, B. n., Rajpurkar, P. n., Wang, A. n., Gao, R. n., Jones, E. n., Yu, Y. n., Langlotz, C. P., Ball, R. L., Montine, T. J., Martin, B. A., Berry, G. J., Ozawa, et al  
2020; 3: 23
  - **Resting-State Cerebello-Cortical Dysfunction in Parkinson's Disease.** *Frontiers in neurology*  
Palmer, W. C., Cholerton, B. A., Zabetian, C. P., Montine, T. J., Grabowski, T. J., Rane, S.  
2020; 11: 594213
  - **Impact of a deep learning assistant on the histopathologic classification of liver cancer.** *NPJ digital medicine*  
Kiani, A. n., Uyumazturk, B. n., Rajpurkar, P. n., Wang, A. n., Gao, R. n., Jones, E. n., Yu, Y. n., Langlotz, C. P., Ball, R. L., Montine, T. J., Martin, B. A., Berry, G. J., Ozawa, et al  
2020; 3 (1): 23
  - **Multivariate prediction of dementia in Parkinson's disease.** *NPJ Parkinson's disease*  
Phongpreecha, T. n., Cholerton, B. n., Mata, I. F., Zabetian, C. P., Poston, K. L., Aghaeepour, N. n., Tian, L. n., Quinn, J. F., Chung, K. A., Hiller, A. L., Hu, S. C., Edwards, K. L., Montine, et al  
2020; 6: 20
  - **Arterial spin labeling detects perfusion patterns related to motor symptoms in Parkinson's disease.** *Parkinsonism & related disorders*  
Rane, S. n., Koh, N. n., Oakley, J. n., Caso, C. n., Zabetian, C. P., Cholerton, B. n., Montine, T. J., Grabowski, T. n.  
2020; 76: 21–28
  - **Risk of Transmissibility From Neurodegenerative Disease-Associated Proteins: Experimental Knowns and Unknowns.** *Journal of neuropathology and experimental neurology*  
Asher, D. M., Belay, E. n., Bigio, E. n., Brandner, S. n., Brubaker, S. A., Caughey, B. n., Clark, B. n., Damon, I. n., Diamond, M. n., Freund, M. n., Hyman, B. T., Jucker, M. n., Keene, et al

2020

- **Engineering monocyte/macrophage-specific glucocerebrosidase expression in human hematopoietic stem cells using genome editing** *Nature Communications*  
Scharenberg, S. G., Poletto, E., Lucot, K. L., Colella, P., Sheikali, A., Montine, T. J., Porteus, M. H., Gomez-Ospina, N.  
2020; 11: 1-14
- **Sensorimotor Inhibition and Mobility in Genetic Subgroups of Parkinson's Disease.** *Frontiers in neurology*  
Martini, D. N., Morris, R. n., Kelly, V. E., Hiller, A. n., Chung, K. A., Hu, S. C., Zabetian, C. P., Oakley, J. n., Poston, K. n., Mata, I. F., Edwards, K. L., Lapidus, J. A., Grabowski, et al  
2020; 11: 893
- **Participant and Study Partner Reported Impact of Cognition on Functional Activities in Parkinson's Disease** *MOVEMENT DISORDERS CLINICAL PRACTICE*  
Cholerton, B., Poston, K. L., Tian, L., Quinn, J. F., Chung, K. A., Hiller, A. L., Hu, S., Specketer, K., Montine, T. J., Edwards, K. L., Zabetian, C. P.  
2020; 7 (1): 61-69
- **Cognitive Correlates of MRI-defined Cerebral Vascular Injury and Atrophy in Elderly American Indians: The Strong Heart Study.** *Journal of the International Neuropsychological Society : JINS*  
Suchy-Dacey, A., Shibata, D., Cholerton, B., Nelson, L., Calhoun, D., Ali, T., Montine, T. J., Longstreth, W. T., Buchwald, D., Verney, S. P.  
2019: 1-13
- **The Associations Among Sociocultural Factors and Neuropsychological Functioning in Older American Indians: The Strong Heart Study** *NEUROPSYCHOLOGY*  
Verney, S. P., Suchy-Dacey, A. M., Cholerton, B., Calhoun, D., Nelson, L., Montine, T. J., Ali, T., Longstreth, W. T., Buchwald, D.  
2019; 33 (8): 1078-88
- **Clinical and dopamine transporter imaging characteristics of non-manifest LRRK2 and GBA mutation carriers in the Parkinson's Progression Markers Initiative (PPMI): a cross-sectional study.** *The Lancet. Neurology*  
Simuni, T., Uribe, L., Cho, H. R., Caspell-Garcia, C., Coffey, C. S., Siderowf, A., Trojanowski, J. Q., Shaw, L. M., Seibyl, J., Singleton, A., Toga, A. W., Galasko, D., Foroud, et al  
2019
- **MIBI-TOF: A multiplexed imaging platform relates cellular phenotypes and tissue structure.** *Science advances*  
Keren, L., Bosse, M., Thompson, S., Risom, T., Vijayaragavan, K., McCaffrey, E., Marquez, D., Angoshtari, R., Greenwald, N. F., Fienberg, H., Wang, J., Kambham, N., Kirkwood, et al  
2019; 5 (10): eaax5851
- **Sex differences in the genetic predictors of Alzheimer's pathology.** *Brain : a journal of neurology*  
Dumitrescu, L., Barnes, L. L., Thambisetty, M., Beecham, G., Kunkle, B., Bush, W. S., Gifford, K. A., Chibnik, L. B., Mukherjee, S., De Jager, P. L., Kukull, W., Crane, P. K., Resnick, et al  
2019; 142 (9): 2581-89
- **Network Analysis of a Membrane-Enriched Brain Proteome across Stages of Alzheimer's Disease.** *Proteomes*  
Higginbotham, L., Dammer, E. B., Duong, D. M., Modeste, E., Montine, T. J., Lah, J. J., Levey, A. I., Seyfried, N. T.  
2019; 7 (3)
- **Association Between Sepsis and Microvascular Brain Injury.** *Critical care medicine*  
Ehlenbach, W. J., Sonnen, J. A., Montine, T. J., Larson, E. B.  
2019
- **Genome-wide brain DNA methylation analysis suggests epigenetic reprogramming in Parkinson disease.** *Neurology. Genetics*  
Young, J. I., Sivasankaran, S. K., Wang, L., Ali, A., Mehta, A., Davis, D. A., Dykxhoorn, D. M., Petito, C. K., Beecham, G. W., Martin, E. R., Mash, D. C., Pericak-Vance, M., Scott, et al  
2019; 5 (4): e342
- **Reply: LATE to the PART-y.** *Brain : a journal of neurology*  
Nelson, P. T., Dickson, D. W., Trojanowski, J. Q., Jack, C. R., Boyle, P. A., Arfanakis, K., Rademakers, R., Alafuzoff, I., Attems, J., Brayne, C., Coyle-Gilchrist, I. T., Fardo, D. W., Flanagan, et al  
2019

- **Type 2 diabetes and later cognitive function in older American Indians: The Strong Heart Study** *INTERNATIONAL JOURNAL OF GERIATRIC PSYCHIATRY*  
Cholerton, B., Omidpanah, A., Verney, S. P., Nelson, L. A., Baker, L. D., Suchy-Dacey, A., Longstreth, W. T., Howard, B. V., Henderson, J. A., Montine, T. J., Buchwald, D.  
2019; 34 (7): 1050–57
- **Validation and Clinical Use of Whole Slide Digital Imaging at Stanford Neuropathology**  
Lavezo, J., Born, D., Lummus, S., Young, A., Montine, T., Vogel, H.  
OXFORD UNIV PRESS INC.2019: 576
- **Limbic-predominant age-related TDP-43 encephalopathy (LATE): consensus working group report** *BRAIN*  
Nelson, P. T., Dickson, D. W., Trojanowski, J. Q., Jack, C. R., Boyle, P. A., Arfanakis, K., Rademakers, R., Alafuzoff, I., Attems, J., Brayne, C., Coyle-Gilchrist, I. S., Chui, H. C., Fardo, et al  
2019; 142: 1503–27
- **Effect of dopaminergic medications on BOLD variability and functional connectivity in Parkinson's disease.** *Brain connectivity*  
Day, T. K., Madhyastha, T. M., Lee, A., Zabetian, C. P., Montine, T. J., Grabowski, T.  
2019
- **Type 2 diabetes and later cognitive function in older American Indians: The Strong Heart Study.** *International journal of geriatric psychiatry*  
Cholerton, B., Omidpanah, A., Verney, S. P., Nelson, L. A., Baker, L. D., Suchy-Dacey, A., Longstreth, W. T., Howard, B. V., Henderson, J. A., Montine, T. J., Buchwald, D.  
2019
- **Cognitive Performance in Parkinson's Disease in the Brain Health Registry.** *Journal of Alzheimer's disease : JAD*  
Cholerton, B., Weiner, M. W., Nosheny, R. L., Poston, K. L., Scott Mackin, R., Tian, L., Ashford, J. W., Montine, T. J.  
2019
- **Concepts for brain aging: resistance, resilience, reserve, and compensation.** *Alzheimer's research & therapy*  
Montine, T. J., Cholerton, B. A., Corrada, M. M., Edland, S. D., Flanagan, M. E., Hemmy, L. S., Kawas, C. H., White, L. R.  
2019; 11 (1): 22
- **Concepts for brain aging: resistance, resilience, reserve, and compensation** *ALZHEIMERS RESEARCH & THERAPY*  
Montine, T. J., Cholerton, B. A., Corrada, M. M., Edland, S. D., Flanagan, M. E., Hemmy, L. S., Kawas, C. H., White, L. R.  
2019; 11
- **Primum non nocere: a call for balance when reporting on CTE.** *The Lancet. Neurology*  
Stewart, W., Allinson, K., Al-Sarraj, S., Bachmeier, C., Barlow, K., Belli, A., Burns, M. P., Carson, A., Crawford, F., Dams-O'Connor, K., Diaz-Arrastia, R., Dixon, C. E., Edlow, et al  
2019; 18 (3): 231–33
- **Primum non nocere: a call for balance when reporting on CTE** *LANCET NEUROLOGY*  
Stewart, W., Allinson, K., Al-Sarraj, S., Bachmeier, C., Barlow, K., Belli, A., Burns, M. P., Carson, A., Crawford, F., Dams-O'Connor, K., Diaz-Arrastia, R., Dixon, C., Edlow, et al  
2019; 18 (3): 231–33
- **Comparative sensitivity of the MoCA and Mattis Dementia Rating Scale-2 in Parkinson's disease.** *Movement disorders : official journal of the Movement Disorder Society*  
Hendershott, T. R., Zhu, D., Llanes, S., Zabetian, C. P., Quinn, J., Edwards, K. L., Leverenz, J. B., Montine, T., Cholerton, B., Poston, K. L.  
2019; 34 (2): 285–91
- **Comparative sensitivity of the MoCA and Mattis Dementia Rating Scale-2 in Parkinson's disease** *MOVEMENT DISORDERS*  
Hendershott, T. R., Zhu, D., Llanes, S., Zabetian, C. P., Quinn, J., Edwards, K. L., Leverenz, J. B., Montine, T., Cholerton, B., Poston, K. L.  
2019; 34 (2): 285–91
- **Genetic and lifestyle risk factors for MRI-defined brain infarcts in a population-based setting** *NEUROLOGY*  
Chauhan, G., Adams, H. H., Satizabal, C. L., Bis, J. C., Teumer, A., Sargurupremraj, M., Hofer, E., Trompet, S., Hilal, S., Smith, A., Jian, X., Malik, R., Traylor, et al  
2019; 92 (5): E486–E503
- **Mass synaptometry: High-dimensional multi parametric assay for single synapses** *JOURNAL OF NEUROSCIENCE METHODS*

- Gajera, C. R., Fernandez, R., Postupna, N., Montine, K. S., Fox, E. J., Tebaykin, D., Angelo, M., Bendall, S. C., Keene, C., Montine, T. J.  
2019; 312: 73–83
- **Cognitive Performance in Parkinson's Disease in the Brain Health Registry** *JOURNAL OF ALZHEIMERS DISEASE*  
Cholerton, B., Weiner, M. W., Nosheny, R. L., Poston, K. L., Mackin, R., Tian, L., Ashford, J., Montine, T. J.  
2019; 68 (3): 1029–38
  - **A nonhuman primate model of early Alzheimer's disease pathologic change: Implications for disease pathogenesis** *ALZHEIMERS & DEMENTIA*  
Latimer, C. S., Shively, C. A., Keene, C., Jorgensen, M. J., Andrews, R. N., Register, T. C., Montine, T. J., Wilson, A. M., Neth, B. J., Mintz, A., Maldjian, J. A., Whitlow, C. T., Kaplan, et al  
2019; 15 (1): 93-105
  - **"Alzheimer's disease" is neither "Alzheimer's clinical syndrome" nor "dementia"** *ALZHEIMERS & DEMENTIA*  
Jagust, W., Jack, C. R., Bennett, D. A., Blennow, K., Haeblerlein, S., Holtzman, D. M., Jessen, F., Karlawish, J., Liu, E., Luis Molinuevo, J., Montine, T., Phelps, C., Rankin, et al  
2019; 15 (1): 153-157
  - **Attention Network Test fMRI data for participants with Parkinson's disease and healthy elderly.** *F1000Research*  
Day, T. K., Madhyastha, T. M., Askren, M. K., Boord, P., Montine, T. J., Grabowski, T. J.  
2019; 8: 780
  - **Prediction of cognitive progression in Parkinson's disease using three cognitive screening measures.** *Clinical parkinsonism & related disorders*  
Kim, H. M., Nator, C., Zabetian, C. P., Quinn, J. F., Chung, K. A., Hiller, A. L., Hu, S., Leverenz, J. B., Montine, T. J., Edwards, K. L., Cholerton, B.  
2019; 1: 91–97
  - **The basis of cellular and regional vulnerability in Alzheimer's disease.** *Acta neuropathologica*  
Mrdjen, D. n., Fox, E. J., Bukhari, S. A., Montine, K. S., Bendall, S. C., Montine, T. J.  
2019
  - **Cognitive associations with comprehensive gait and static balance measures in Parkinson's disease.** *Parkinsonism & related disorders*  
Morris, R. n., Martini, D. N., Smulders, K. n., Kelly, V. E., Zabetian, C. P., Poston, K. n., Hiller, A. n., Chung, K. A., Yang, L. n., Hu, S. C., Edwards, K. L., Cholerton, B. n., Grabowski, et al  
2019; 69: 104–10
  - **"Alzheimer's disease" is neither "Alzheimer's clinical syndrome" nor "dementia".** *Alzheimer's & dementia : the journal of the Alzheimer's Association*  
Jagust, W., Jack, C. R., Bennett, D. A., Blennow, K., Haeblerlein, S. B., Holtzman, D. M., Jessen, F., Karlawish, J., Liu, E., Molinuevo, J. L., Montine, T., Phelps, C., Rankin, et al  
2019; 15 (1): 153–57
  - **Visuospatial functioning is associated with sleep disturbance and hallucinations in nondemented patients with Parkinson's disease.** *Journal of clinical and experimental neuropsychology*  
Specketer, K. n., Zabetian, C. P., Edwards, K. L., Tian, L. n., Quinn, J. F., Peterson-Hiller, A. L., Chung, K. A., Hu, S. C., Montine, T. J., Cholerton, B. A.  
2019: 1–11
  - **Limbic-predominant age-related TDP-43 encephalopathy (LATE): consensus working group report.** *Brain : a journal of neurology*  
Nelson, P. T., Dickson, D. W., Trojanowski, J. Q., Jack, C. R., Boyle, P. A., Arfanakis, K. n., Rademakers, R. n., Alafuzoff, I. n., Attems, J. n., Brayne, C. n., Coyle-Gilchrist, I. T., Chui, H. C., Fardo, et al  
2019
  - **Predicting Progression in Parkinson's Disease Using Baseline and 1-Year Change Measures** *JOURNAL OF PARKINSONS DISEASE*  
Chahine, L. M., Siderowf, A., Barnes, J., Seedorf, N., Caspell-Garcia, C., Simuni, T., Coffey, C. S., Galasko, D., Mollenhauer, B., Arnedo, V., Daegele, N., Frasier, M., Tanner, et al  
2019; 9 (4): 665–79
  - **Sex-specific genetic predictors of Alzheimer's disease biomarkers** *ACTA NEUROPATHOLOGICA*  
Deming, Y., Dumitrescu, L., Barnes, L. L., Thambisetty, M., Kunkle, B., Gifford, K. A., Bush, W. S., Chibnik, L. B., Mukherjee, S., De Jager, P. L., Kukull, W., Huentelman, M., Crane, et al  
2018; 136 (6): 857–72
  - **A nonhuman primate model of early Alzheimer's disease pathologic change: Implications for disease pathogenesis.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*

- Latimer, C. S., Shively, C. A., Keene, C. D., Jorgensen, M. J., Andrews, R. N., Register, T. C., Montine, T. J., Wilson, A. M., Neth, B. J., Mintz, A., Maldjian, J. A., Whitlow, C. T., Kaplan, et al  
2018
- **Mass synaptometry: High-dimensional multi parametric assay for single synapses.** *Journal of neuroscience methods*  
Gajera, C. R., Fernandez, R., Postupna, N., Montine, K. S., Fox, E. J., Tebaykin, D., Angelo, M., Bendall, S. C., Keene, C. D., Montine, T. J.  
2018
  - **TDP-43 Neuropathologic Associations in the Nun Study and the Honolulu-Asia Aging Study.** *Journal of Alzheimer's disease : JAD*  
Flanagan, M. E., Cholerton, B., Latimer, C. S., Hemmy, L. S., Edland, S. D., Montine, K. S., White, L. R., Montine, T. J.  
2018
  - **Flow cytometric evaluation of crude synaptosome preparation as a way to study synaptic alteration in neurodegenerative diseases.** *Neuromethods*  
Postupna, N. O., Latimer, C. S., Keene, C. D., Montine, K. S., Montine, T. J., Darvas, M.  
2018; 141: 297-310
  - **The Revised National Alzheimer's Coordinating Center's Neuropathology Form-Available Data and New Analyses** *JOURNAL OF NEUROPATHOLOGY AND EXPERIMENTAL NEUROLOGY*  
Besser, L. M., Kukull, W. A., Teylan, M. A., Bigio, E. H., Cairns, N. J., Kofler, J. K., Montine, T. J., Schneider, J. A., Nelson, P. T.  
2018; 77 (8): 717–26
  - **Sex-Specific Association of Apolipoprotein E With Cerebrospinal Fluid Levels of Tau** *JAMA NEUROLOGY*  
Hohman, T. J., Dumitrescu, L., Barnes, L. L., Thambisetty, M., Beecham, G., Kunkle, B., Gifford, K. A., Bush, W. S., Chibnik, L. B., Mukherjee, S., De Jager, P. L., Kukull, W., Crane, et al  
2018; 75 (8): 989–98
  - **Associations of APOE in the Honolulu Asia Aging Study**  
Flanagan, M., Edland, S., Hemmy, L., Cholerton, B., Montine, T., White, L.  
OXFORD UNIV PRESS INC.2018: 498
  - **Neuropathologic Associations of APOE in the Nun Study**  
Flanagan, M., Edland, S., Hemmy, L., Meints, J., Cholerton, B., Lim, K., Montine, T., White, L.  
OXFORD UNIV PRESS INC.2018: 499
  - **Sex differences in progression to mild cognitive impairment and dementia in Parkinson's disease** *PARKINSONISM & RELATED DISORDERS*  
Cholerton, B., Johnson, C. O., Fish, B., Quinn, J. F., Chung, K. A., Peterson-Hiller, A. L., Rosenthal, L. S., Dawson, T. M., Albert, M. S., Hu, S., Mata, I. F., Leverenz, J. B., Poston, et al  
2018; 50: 29–36
  - **The National Institute on Aging and the Alzheimer's Association Research Framework for Alzheimer's disease: Perspectives from the Research Roundtable** *ALZHEIMERS & DEMENTIA*  
Knopman, D. S., Haeblerlein, S., Carrillo, M. C., Hendrix, J. A., Kerchner, G., Margolin, R., Maruff, P., Miller, D. S., Tong, G., Tome, M. B., Murray, M. E., Nelson, P. T., Sano, et al  
2018; 14 (4): 563–75
  - **NIA-AA Research Framework: Toward a biological definition of Alzheimer's disease** *ALZHEIMERS & DEMENTIA*  
Jack, C. R., Bennett, D. A., Blennow, K., Carrillo, M. C., Dunn, B., Haeblerlein, S., Holtzman, D. M., Jagust, W., Jessen, F., Karlawish, J., Liu, E., Luis Molinuevo, J., Montine, et al  
2018; 14 (4): 535–62
  - **Sex differences in progression to mild cognitive impairment and dementia in Parkinson's disease.** *Parkinsonism & related disorders*  
Cholerton, B., Johnson, C. O., Fish, B., Quinn, J. F., Chung, K. A., Peterson-Hiller, A. L., Rosenthal, L. S., Dawson, T. M., Albert, M. S., Hu, S., Mata, I. F., Leverenz, J. B., Poston, et al  
2018
  - **Application of the condensed protocol for the NIA-AA guidelines for the neuropathological assessment of Alzheimer's disease in an academic clinical practice** *HISTOPATHOLOGY*  
Bharadwaj, R., Cimino, P. J., Flanagan, M. E., Latimer, C. S., Gonzalez-Cuyar, L. F., Juric-Sekhar, G., Montine, T. J., Marshall, D. A., Keene, C.  
2018; 72 (3): 433–40
  - **Associations between Use of Specific Analgesics and Concentrations of Amyloid-beta 42 or Phospho-Tau in Regions of Human Cerebral Cortex** *JOURNAL OF ALZHEIMERS DISEASE*

- Flanagan, M. E., Larson, E. B., Walker, R. L., Keene, C., Postupna, N., Cholerton, B., Sonnen, J. A., Dublin, S., Crane, P. K., Montine, T. J.  
2018; 61 (2): 653–62
- **TDP-43 Neuropathologic Associations in the Nun Study and the Honolulu-Asia Aging Study** *JOURNAL OF ALZHEIMERS DISEASE*  
Flanagan, M. E., Cholerton, B., Latimer, C. S., Hemmy, L. S., Edland, S. D., Montine, K. S., White, L. R., Montine, T. J.  
2018; 66 (4): 1549–58
  - **Flow Cytometric Evaluation of Crude Synaptosome Preparation as a Way to Study Synaptic Alteration in Neurodegenerative Diseases** *SYNAPTOSOMES*  
Postupna, N. O., Latimer, C. S., Keene, C., Montine, K. S., Montine, T. J., Darvas, M., Murphy, K. M.  
2018; 141: 297–310
  - **Exposure to Strong Anticholinergic Medications and Dementia-Related Neuropathology in a Community-Based Autopsy Cohort** *JOURNAL OF ALZHEIMERS DISEASE*  
Gray, S. L., Anderson, M. L., Hanlon, J. T., Dublin, S., Walker, R. L., Hubbard, R. A., Yu, O., Montine, T. J., Crane, P. K., Sonnen, J. A., Keene, C., Larson, E. B.  
2018; 65 (2): 607–16
  - **Alzheimer's Disease Sequencing Project discovery and replication criteria for cases and controls: Data from a community-based prospective cohort study with autopsy follow-up** *ALZHEIMERS & DEMENTIA*  
Crane, P. K., Foroud, T., Montine, T. J., Larson, E. B.  
2017; 13 (12): 1410–13
  - **Alzheimer's Disease Sequencing Project discovery and replication criteria for cases and controls: Data from a community-based prospective cohort study with autopsy follow-up.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*  
Crane, P. K., Foroud, T., Montine, T. J., Larson, E. B.  
2017; 13 (12): 1410-1413
  - **Homocysteine and cognitive function in Parkinson's disease** *PARKINSONISM & RELATED DISORDERS*  
Licking, N., Murchison, C., Cholerton, B., Zabetian, C. P., Hu, S., Montine, T. J., Peterson-Hiller, A. L., Chung, K. A., Edwards, K., Leverenz, J. B., Quinn, J. F.  
2017; 44: 1–5
  - **Traumatic brain injury may not increase the risk of Alzheimer disease** *NEUROLOGY*  
Weiner, M. W., Crane, P. K., Montine, T. J., Bennett, D. A., Veitch, D. P.  
2017; 89 (18): 1923–25
  - **Systems biology approach to late-onset Alzheimer's disease genome-wide association study identifies novel candidate genes validated using brain expression data and Caenorhabditis elegans experiments** *ALZHEIMERS & DEMENTIA*  
Mukherjee, S., Russell, J. C., Carr, D. T., Burgess, J. D., Allen, M., Serie, D. J., Boehme, K. L., Kauwe, J. K., Naj, A. C., Fardo, D. W., Dickson, D. W., Montine, T. J., Ertekin-Taner, et al  
2017; 13 (10): 1133–42
  - **Diagnosis and management of dementia with Lewy bodies Fourth consensus report of the DLB Consortium** *NEUROLOGY*  
McKeith, I. G., Boeve, B. F., Dickson, D. W., Halliday, G., Taylor, J., Weintraub, D., Aarsland, D., Galvin, J., Attems, J., Ballard, C. G., Bayston, A., Beach, T. G., Blanc, et al  
2017; 89 (1): 88–100
  - **Cerebrospinal fluid biomarkers for Alzheimer's and vascular disease vary by age, gender, and APOE genotype in cognitively normal adults.** *Alzheimer's research & therapy*  
Li, G., Shofer, J. B., Petrie, E. C., Yu, C. E., Wilkinson, C. W., Figlewicz, D. P., Shutes-David, A., Zhang, J., Montine, T. J., Raskind, M. A., Quinn, J. F., Galasko, D. R., Peskind, et al  
2017; 9 (1): 48
  - **Resistance to Alzheimer Disease Neuropathologic Changes and Apparent Cognitive Resilience in the Nun and Honolulu-Asia Aging Studies.** *Journal of neuropathology and experimental neurology*  
Latimer, C. S., Keene, C. D., Flanagan, M. E., Hemmy, L. S., Lim, K. O., White, L. R., Montine, K. S., Montine, T. J.  
2017; 76 (6): 458-466
  - **Application of a condensed NIA-AA protocol for the pathologic assessment of Alzheimer's disease in an academic hospital autopsy service**  
Bharadwaj, R., Cimino, P., Flanagan, M., Latimer, C., Gonzalez-Cuyar, L., Juric-Sekhar, G., Montine, T., Marshall, D., Keene, C.  
OXFORD UNIV PRESS INC.2017: 504-505
  - **TDP43 associations in the Nun Study and Honolulu Asian Aging Study**

Flanagan, M., Hemmy, L., Cholerton, B., Edland, S., Montine, K., White, L., Montine, T.  
OXFORD UNIV PRESS INC.2017: 531

- **Comparison of regional flortaucipir PET SUVr values to quantitative tau histology and quantitative tau immunoassay in patients with Alzheimer's disease pathology: A clinicopathological study**  
Siderowf, A., Keene, C., Beach, T., Montine, T., Arora, A., Devous, M., Navitsky, M., Kennedy, I., Joshi, A., Pontecorvo, M., Lu, M., Serrano, G., Rose, et al  
SOC NUCLEAR MEDICINE INC.2017
- **Total Brain and Hippocampal Volumes and Cognition in Older American Indians: The Strong Heart Study** *ALZHEIMER DISEASE & ASSOCIATED DISORDERS*  
Cholerton, B., Omidpanah, A., Madhyastha, T. M., Grabowski, T. J., Suchy-Dacey, A. M., Shibata, D. K., Nelson, L. A., Verney, S. P., Howard, B. V., Longstreth, W. T., Montine, T. J., Buchwald, D.  
2017; 31 (2): 94-100
- **Regulatory region genetic variation is associated with FYN expression in Alzheimer's disease.** *Neurobiology of aging*  
Zahratka, J. A., Shao, Y., Shaw, M., Todd, K., Formica, S. V., Khrestian, M., Montine, T., Leverenz, J. B., Bekris, L. M.  
2017; 51: 43-53
- **Human Striatal Dopaminergic and Regional Serotonergic Synaptic Degeneration with Lewy Body Disease and Inheritance of APOE e4.** *American journal of pathology*  
Postupna, N., Latimer, C. S., Larson, E. B., Sherfield, E., Paladin, J., Shively, C. A., Jorgensen, M. J., Andrews, R. N., Kaplan, J. R., Crane, P. K., Montine, K. S., Craft, S., Keene, et al  
2017
- **Transethnic genome-wide scan identifies novel Alzheimer's disease loci.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*  
Jun, G. R., Chung, J., Mez, J., Barber, R., Beecham, G. W., Bennett, D. A., Buxbaum, J. D., Byrd, G. S., Carrasquillo, M. M., Crane, P. K., Cruchaga, C., De Jager, P., Ertekin-Taner, et al  
2017
- **Performance of a Condensed Protocol That Reduces Effort and Cost of NIA-AA Guidelines for Neuropathologic Assessment of Alzheimer Disease.** *Journal of neuropathology and experimental neurology*  
Flanagan, M. E., Marshall, D. A., Shofer, J. B., Montine, K. S., Nelson, P. T., Montine, T. J., Keene, C. D.  
2017
- **Neuropathological and genetic correlates of survival and dementia onset in synucleinopathies: a retrospective analysis** *LANCET NEUROLOGY*  
Irwin, D., Grossman, M., Weintraub, D., Hurtig, H. I., Duda, J. E., Xie, S. X., Lee, E. B., Van Deerlin, V. M., Lopez, O. L., Kofler, J. K., Nelson, P. T., Jicha, G. A., Woltjer, et al  
2017; 16 (1): 55-65
- **Neuroinflammation and Oxidative Injury in Developmental Neurotoxicity** *REPRODUCTIVE AND DEVELOPMENTAL TOXICOLOGY, 2ND EDITION*  
Milatovic, D., Zaja-Milatovic, S., Breyer, R. M., Aschner, M., Montine, T. J., Gupta, R. C.  
2017: 1051-1061
- **An improved ATAC-seq protocol reduces background and enables interrogation of frozen tissues.** *Nature methods*  
Corces, M. R., Trevino, A. E., Hamilton, E. G., Greenside, P. G., Sinnott-Armstrong, N. A., Vesuna, S. n., Satpathy, A. T., Rubin, A. J., Montine, K. S., Wu, B. n., Kathiria, A. n., Cho, S. W., Mumbach, et al  
2017
- **Cerebrospinal Fluid Total Tau is Increased in Normal Pressure Hydrocephalus Patients who Undergo Successful Lumbar Drain Trials.** *Cureus*  
Baird, G. n., Montine, T. J., Chang, J. J., Hu, S. C., Avellino, A. M.  
2017; 9 (5): e1265
- **Association between Cholesterol Exposure and Neuropathological Findings: The ACT Study** *JOURNAL OF ALZHEIMERS DISEASE*  
Bettcher, B. M., Ard, M., Reed, B. R., Benitez, A., Simmons, A., Larson, E. B., Sonnen, J. A., Montine, T. J., Li, G., Keene, C., Crane, P. K., Mungas, D.  
2017; 59 (4): 1307-15
- **Neuropathological Comparison of Adult Onset and Juvenile Huntington's Disease with Cerebellar Atrophy: A Report of a Father and Son** *JOURNAL OF HUNTINGTONS DISEASE*  
Latimer, C. S., Flanagan, M. E., Cimino, P. J., Jayadev, S., Davis, M., Hoffer, Z. S., Montine, T. J., Gonzalez-Cuyar, L. F., Bird, T. D., Keene, C.  
2017; 6 (4): 337-48



- **Effects of Regular and Long-Acting Insulin on Cognition and Alzheimer's Disease Biomarkers: A Pilot Clinical Trial** *JOURNAL OF ALZHEIMERS DISEASE*  
Craft, S., Claxton, A., Baker, L. D., Hanson, A. J., Cholerton, B., Trittschuh, E. H., Dahl, D., Caulder, E., Neth, B., Montine, T. J., Jung, Y., Maldjian, J., Whitlow, et al  
2017; 57 (4): 1325-1334
- **Use of Analgesics (Opioids and Nonsteroidal Anti-Inflammatory Drugs) and Dementia-Related Neuropathology in a Community-Based Autopsy Cohort.** *Journal of Alzheimer's disease : JAD*  
Dublin, S., Walker, R. L., Gray, S. L., Hubbard, R. A., Anderson, M. L., Yu, O., Montine, T. J., Crane, P. K., Sonnen, J. A., Larson, E. B.  
2017; 58 (2): 435-448
- **Type 2 Diabetes, Cognition, and Dementia in Older Adults: Toward a Precision Health Approach.** *Diabetes spectrum : a publication of the American Diabetes Association*  
Cholerton, B., Baker, L. D., Montine, T. J., Craft, S.  
2016; 29 (4): 210-219
- **Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015** *LANCET*  
Wang, H., Naghavi, M., Allen, C., Barber, R. M., Bhutta, Z. A., Carter, A., Casey, D. C., Charlson, F. J., Chen, A. Z., Coates, M. M., Coggeshall, M., Dandona, L., Dicker, et al  
2016; 388 (10053): 1459-1544
- **The phosphatase calcineurin regulates pathological TDP-43 phosphorylation.** *Acta neuropathologica*  
Liachko, N. F., Saxton, A. D., McMillan, P. J., Strovast, T. J., Currey, H. N., Taylor, L. M., Wheeler, J. M., Oblak, A. L., Ghetti, B., Montine, T. J., Keene, C. D., Raskind, M. A., Bird, et al  
2016; 132 (4): 545-561
- **Association of Traumatic Brain Injury With Late-Life Neurodegenerative Conditions and Neuropathologic Findings.** *JAMA neurology*  
Crane, P. K., Gibbons, L. E., Dams-O'Connor, K., Trittschuh, E., Leverenz, J. B., Keene, C. D., Sonnen, J., Montine, T. J., Bennett, D. A., Leurgans, S., Schneider, J. A., Larson, E. B.  
2016; 73 (9): 1062-1069
- **Rho-associated protein kinase 1 (ROCK1) is increased in Alzheimer's disease and ROCK1 depletion reduces amyloid- $\beta$  levels in brain.** *Journal of neurochemistry*  
Henderson, B. W., Gentry, E. G., Rush, T., Troncoso, J. C., Thambisetty, M., Montine, T. J., Herskowitz, J. H.  
2016; 138 (4): 525-531
- **Mitochondrial DNA mutations increase in early stage Alzheimer disease and are inconsistent with oxidative damage.** *Annals of neurology*  
Hoekstra, J. G., Hipp, M. J., Montine, T. J., Kennedy, S. R.  
2016; 80 (2): 301-306
- **Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990-2013: quantifying the epidemiological transition** *LANCET*  
Murray, C. J., Barber, R. M., Foreman, K. J., Ozgoren, A. A., Abd-Allah, F., Abera, S. F., Aboyans, V., Abraham, J. P., Abubakar, I., Abu-Raddad, L. J., Abu-Rmeileh, N. M., Achoki, T., Ackerman, et al  
2015; 386 (10009): 2145-2191
- **Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013** *LANCET*  
Vos, T., Barber, R. M., Bell, B., Bertozzi-Villa, A., Biryukov, S., Bolliger, I., Charlson, F., Davis, A., Degenhardt, L., Dicker, D., Duan, L., Erskine, H., Feigin, et al  
2015; 386 (9995): 743-800
- **Global, regional, and national age-sex specific all-cause and cause-specific mortality for 240 causes of death, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013** *LANCET*  
Naghavi, M., Wang, H., Lozano, R., Davis, A., Liang, X., Zhou, M., Vollset, S. E., Ozgoren, A. A., Abdalla, S., Abd-Allah, F., Aziz, M. I., Abera, S. F., Aboyans, et al  
2015; 385 (9963): 117-171
- **Low Plasma Leptin in Cognitively Impaired ADNI Subjects: Gender Differences and Diagnostic and Therapeutic Potential** *CURRENT ALZHEIMER RESEARCH*  
Johnston, J. M., Hu, W. T., Fardo, D. W., Greco, S. J., Perry, G., Montine, T. J., Trojanowski, J. Q., Shaw, L. M., Ashford, J. W., Tezapsidis, N.

2014; 11 (2): 165-174

- **The future of blood-based biomarkers for Alzheimer's disease** *ALZHEIMERS & DEMENTIA*  
Henriksen, K., O'Bryant, S. E., Hamper, H., Trojanowski, J. Q., Montine, T. J., Jeromin, A., Blennow, K., Lonneborg, A., Wyss-Coray, T., Soares, H., Bazenet, C., Sjogren, M., Hu, et al  
2014; 10 (1): 115-131
- **Inflammatory prostaglandin E2 signaling in a mouse model of Alzheimer disease** *ANNALS OF NEUROLOGY*  
Shi, J., Wang, Q., Johansson, J. U., Liang, X., Woodling, N. S., Priyam, P., Loui, T. M., Merchant, M., Breyer, R. M., Montine, T. J., Andreasson, K.  
2012; 72 (5): 788-798
- **Mutations in Prickle Orthologs Cause Seizures in Flies, Mice, and Humans** *AMERICAN JOURNAL OF HUMAN GENETICS*  
Tao, H., Manak, J. R., Sowers, L., Mei, X., Kiyonari, H., Abe, T., Dandaleh, N. S., Yang, T., Wu, S., Chen, S., Fox, M. H., Gurnett, C., Montine, et al  
2011; 88 (2): 138-149
- **The Prostaglandin E-2 E-Prostanoid 4 Receptor Exerts Anti-Inflammatory Effects in Brain Innate Immunity** *JOURNAL OF IMMUNOLOGY*  
Shi, J., Johansson, J., Woodling, N. S., Wang, Q., Montine, T. J., Andreasson, K.  
2010; 184 (12): 7207-7218
- **Impaired cognition, sensorimotor gating, and hippocampal long-term depression in mice lacking the prostaglandin E2 EP2 receptor** *EXPERIMENTAL NEUROLOGY*  
Savonenko, A., Munoz, P., Melnikova, T., Wang, Q., Liang, X., Breyer, R. M., Montine, T. J., Kirkwood, A., Andreasson, K.  
2009; 217 (1): 63-73
- **The prostaglandin E-2 EP2 receptor accelerates disease progression and inflammation in a model of amyotrophic lateral sclerosis** *ANNALS OF NEUROLOGY*  
Liang, X., Wang, Q., Shi, J., Lokteva, L., Breyer, R. M., Montine, T. J., Andreasson, K.  
2008; 64 (3): 304-314