Publications Related to Older Adults and Aging with WashU Authors:
January-March 2019

1. Assessment of Racial Disparities in Biomarkers for Alzheimer’s Disease | JAMA Neurology

2. Loss of TREM2 Function Increases Amyloid Seeding but Reduces Plaque-Associated ApoE | Nature Neuroscience

3. Obstructive Sleep Apnea Treatment, Slow Wave Activity, and Amyloid-β | Annals of Neurology

4. The State of Theory in LGBTQ Aging: Implications for Gerontological Scholarship | Research on Aging

5. Early Increase of CSF sTREM2 in Alzheimer’s Disease is Associated with Tau Related-Neurodegeneration but Not With Amyloid-β Pathology | Molecular Neurodegeneration

6. “Alzheimer’s Disease” is Neither “Alzheimer’s Clinical Syndrome” nor “Dementia” | Alzheimer’s and Dementia

7. Cholinesterase Inhibitors May Not Benefit Mild Cognitive Impairment and Mild Alzheimer Disease Dementia | Alzheimer Disease and Associated Disorders

8. Reduced Non-Rapid Eye Movement Sleep is Associated with Tau Pathology in Early Alzheimer’s Disease | Science Translational Medicine


10. Influence of Environmental Factors on Social Participation Post-Stroke | Behavioural Neurology

11. Genetic Imbalance is Associated with Functional Outcome After Ischemic Stroke | Stroke

12. Behavioral and Hemodynamic Effects of Prefrontal Anodal Stimulation in Healthy Older Adults: A Simultaneous tDCS-fNIRS Study | Brain Stimulation


15. Recent Advances in the Genetics of Frontotemporal Dementia | Current Genetic Medicine Reports

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16. Differences in Cognitive Impairment in Primary Age-Related Tauopathy Versus Alzheimer Disease | *Journal of Neuropathology and Experimental Neurology*

17. Increases in a Pro-Inflammatory Chemokine, MCP-1, Are Related to Decreases in Memory Over Time | *Frontiers in Aging Neuroscience*

18. Reversible Dementias | *Continuum*

19. Persistent Metabolic Youth in the Aging Female Brain | *Proceedings of the National Academy of Sciences of the United States of America*

20. Effect of Electroencephalography-Guided Anesthetic Administration on Postoperative Delirium Among Older Adults Undergoing Major Surgery: The ENGAGES Randomized Clinical Trial | *JAMA*

21. Microglia in Alzheimer’s Disease: A Target for Immunotherapy | *Journal of Leukocyte Biology*

22. Menopausal Hormone Therapy and Risk of Diverticulitis | *American Journal of Gastroenterology*

23. Tau PET in Autosomal Dominant Alzheimer’s Disease: Relationship with Cognition, Dementia and Other Biomarkers | *Brain*

24. Dr. Jekyll and Mr. Hyde: ApoE Explains Opposing Effects of Neuronal LRP1 | *Journal of Clinical Investigation*

25. Staging Biomarkers in Preclinical Autosomal Dominant Alzheimer’s Disease by Estimated Years to Symptom Onset | *Alzheimer’s and Dementia*

26. Impact of Baseline Features and Risk Factor Control on Cognitive Function in the Stenting and Aggressive Medical Management for Preventing Recurrent Stroke in Intracranial Stenosis Trial | *Cerebrovascular Diseases*

27. Transplant and Risk of Parkinson Disease | *Parkinsonism and Related Disorders*

28. Dural Lymphatics Regulate Clearance of Extracellular Tau from the CNS | *Molecular Neurodegeneration*

29. Rationale and Methods for a Multicenter Clinical Trial Assessing Exercise and Intensive Vascular Risk Reduction in Preventing Dementia (rrAD Study) | *Contemporary Clinical Trials*

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30. Maximal Dose-Response of Vitamin-K2 (Menaquinone-4) on Undercarboxylated Osteocalcin in Women with Osteoporosis | *International Journal for Vitamin and Nutrition Research*

31. No Vascular Calcification on Cardiac Computed Tomography Spanning Asfotase Alfa Treatment for an Elderly Woman with Hypophosphatasia | *Bone*

32. Emerging Cerebrospinal Fluid Biomarkers in Autosomal Dominant Alzheimer's Disease | *Alzheimer’s and Dementia*

33. Adjusting for Social Risk Factors Impacts Performance Penalties in the Hospital Readmissions Reduction Program | *Health Services Research*

34. Quantification of White Matter Cellularity and Damage in Preclinical and Early Symptomatic Alzheimer's Disease | *NeuroImage: Clinical*


36. Effects of Comorbidity Burden and Age on Brain Integrity in HIV | *AIDS*

37. Neurocognitive SuperAging in Older Adults Living With HIV: Demographic, Neuromedical and Everyday Functioning Correlates | *Journal of the International Neuropsychological Society*

38. The BDNF_{Val66Met} SNP Modulates the Association Between Beta-Amyloid and Hippocampal Disconnection in Alzheimer’s Disease | *Molecular Psychiatry*

39. Clinical, Pathophysiological and Genetic Features of Motor Symptoms in Autosomal Dominant Alzheimer’s Disease | *Brain*

40. Converging Semantic and Phonological Information in Lexical Retrieval and Selection in Young and Older Adults | *Journal of Experimental Psychology: Learning, Memory, and Cognition*

41. Mitochondrial Quality Control in Aging and Heart Failure: Influence of Ketone Bodies and Mitofusin Stabilizing Peptides | *Frontiers in Physiology*

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