



Karly Cody

Temp - Non-Exempt, Neurology Research

Publications

PUBLICATIONS

- **Onset ages of cerebrovascular disease and amyloid and effects on cognition in risk-enriched cohorts.** *Brain communications*
Du, L., Planalp, E. M., Betthausen, T. J., Jonaitis, E. M., Hermann, B. P., Rivera-Rivera, L. A., Cody, K. A., Chin, N. A., Cadman, R. V., Johnson, K. M., Field, A., Rowley, H. A., Mueller, et al
2025; 7 (3): fcaf158
- **Late-midlife lifestyle and brain and cognitive changes in individuals on the AD versus non-AD continuum.** *Alzheimer's & dementia (Amsterdam, Netherlands)*
Oomens, J. E., Cody, K. A., Du, L., Jonaitis, E. M., Studer, R. L., Chin, N. A., Köhler, S., Visser, P. J., Vos, S. J., Langhough, R. E., Jansen, W. J., Johnson, S. C.
2025; 17 (2): e70101
- **Factors associated with age at tau pathology onset and time from tau onset to dementia.** *medRxiv : the preprint server for health sciences*
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- **Accuracy of plasma biomarkers to detect Alzheimer's disease proteinopathy prior to dementia.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Cody, K. A., Du, L., Studer, R. L., Jonaitis, E. M., Asthana, S., Christian, B. T., Chin, N. A., Kirmess, K. M., Meyer, M. R., Yarasheski, K. E., West, T., Verghese, P. B., Braunstein, et al
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- **Amyloid PET predicts longitudinal functional and cognitive trajectories in a heterogeneous cohort.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
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2025; 21 (3): e70075
- **Plasma A β 42/A β 40 is sensitive to early cerebral amyloid accumulation and predicts risk of cognitive decline across the Alzheimer's disease spectrum.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Trelle, A. N., Young, C. B., Vossler, H., Ramos Benitez, J., Cody, K. A., Mendiola, J. H., Swarovski, M. S., Guen, Y. L., Feinstein, I., Butler, R. R., Channappa, D., Romero, A., Park, et al
2024
- **Biomarkers.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
Cody, K., Heston, M. B., Teague, J. P., Albersen, S. F., Wintlend, M., Bahr, M., Langhough, R. E., Johnson, S. C., Betthausen, T. J.
2024; 20 Suppl 2: e091821
- **Visual read of [F-18]florquinitalu PET that includes and extends beyond the mesial temporal lobe is associated with increased plasma pTau217 and cognitive decline in a cohort that is enriched with risk for Alzheimer's disease.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*

Rea Reyes, R. E., Cody, K. A., Wilson, R. E., Zetterberg, H., Chin, N. A., Jonaitis, E. M., Bahr, M., Mandel, O., Wintlend, M., Bendlin, B. B., Okonkwo, O. C., Clark, L. R., Zammit, et al
2024

- **Characterizing brain tau and cognitive decline along the amyloid timeline in Alzheimer's disease.** *Brain : a journal of neurology*
Cody, K. A., Langhough, R. E., Zammit, M. D., Clark, L., Chin, N., Christian, B. T., Betthausen, T. J., Johnson, S. C.
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- **Longitudinal normative standards for cognitive tests and composites using harmonized data from two Wisconsin AD-risk-enriched cohorts.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*
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- **Diagnostic Accuracy of a Plasma Phosphorylated Tau 217 Immunoassay for Alzheimer Disease Pathology.** *JAMA neurology*
Ashton, N. J., Brum, W. S., Di Molfetta, G., Benedet, A. L., Arslan, B., Jonaitis, E., Langhough, R. E., Cody, K., Wilson, R., Carlsson, C. M., Vanmechelen, E., Montoliu-Gaya, L., Lantero-Rodriguez, et al
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- **Normative Cerebral Hemodynamics in Middle-aged and Older Adults Using 4D Flow MRI: Initial Analysis of Vascular Aging** *RADIOLOGY*
Roberts, G. S., Peret, A., Jonaitis, E. M., Kosciak, R. L., Hoffman, C. A., Rivera-Rivera, L. A., Cody, K. A., Rowley, H. A., Johnson, S. C., Wieben, O., Johnson, K. M., Eisenmenger, L. B.
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- **Plasma phosphorylated tau 217 in preclinical Alzheimer's disease** *BRAIN COMMUNICATIONS*
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- **Prediction of Longitudinal Cognitive Decline in Preclinical Alzheimer Disease Using Plasma Biomarkers** *JAMA NEUROLOGY*
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- **Age at natural menopause impacts cerebrovascular reactivity and brain structure** *AMERICAN JOURNAL OF PHYSIOLOGY-REGULATORY INTEGRATIVE AND COMPARATIVE PHYSIOLOGY*
Moir, M., Corkery, A. T., Senese, K. A., Miller, K. B., Pearson, A. G., Loggie, N. A., Howery, A. J., Gaynor-Metzinger, S. A., Cody, K. A., Eisenmenger, L. B., Johnson, S. C., Barnes, J. N.
2023; 324 (2): R207-R215
- **Optimal combinations of CSF biomarkers for predicting cognitive decline and clinical conversion in cognitively unimpaired participants and mild cognitive impairment patients: A multi-cohort study** *ALZHEIMERS & DEMENTIA*
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- **Differential roles of A beta 42/40, p-tau231 and p-tau217 for Alzheimer's trial selection and disease monitoring** *NATURE MEDICINE*
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- **Sympathoexcitatory Responses to Isometric Handgrip Exercise Are Associated With White Matter Hyperintensities in Middle-Aged and Older Adults** *FRONTIERS IN AGING NEUROSCIENCE*
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- **Associations of the Lifestyle for Brain Health index with longitudinal cognition and brain amyloid beta in clinically unimpaired older adults: Findings from the Wisconsin Registry for Alzheimer's Prevention** *ALZHEIMER'S & DEMENTIA: DIAGNOSIS, ASSESSMENT & DISEASE MONITORING*
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- **Trajectory of clinical symptoms in relation to amyloid chronicity** *ALZHEIMER'S & DEMENTIA: DIAGNOSIS, ASSESSMENT & DISEASE MONITORING*
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- **White matter microstructure associations with episodic memory in adults with Down syndrome: a tract-based spatial statistics study** *JOURNAL OF NEURODEVELOPMENTAL DISORDERS*
Bazydlo, A., Zammit, M., Wu, M., Dean, D., Johnson, S., Tudorascu, D., Cohen, A., Cody, K., Ances, B., Laymon, C., Klunk, W., Zaman, S., Handen, et al
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- **Prescription Medications and Co-Morbidities in Late Middle-Age are Associated with Greater Cognitive Declines: Results from WRAP.** *Frontiers in aging*
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- **Cerebrovascular stiffness and flow dynamics in the presence of amyloid and tau biomarkers** *ALZHEIMER'S & DEMENTIA: DIAGNOSIS, ASSESSMENT & DISEASE MONITORING*
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- **Assessment of vascular stiffness in the internal carotid artery proximal to the carotid canal in Alzheimer's disease using pulse wave velocity from low rank reconstructed 4D flow MRI** *JOURNAL OF CEREBRAL BLOOD FLOW AND METABOLISM*
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- **Amyloid accumulation in Down syndrome measured with amyloid load** *ALZHEIMER'S & DEMENTIA: DIAGNOSIS, ASSESSMENT & DISEASE MONITORING*
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Rivera-Rivera, L. A., Cody, K. A., Rutkowski, D., Cary, P., Eisenmenger, L., Rowley, H. A., Carlsson, C. M., Johnson, S. C., Johnson, K. M.
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- **Amyloid duration is associated with preclinical cognitive decline and tau PET** *ALZHEIMER'S & DEMENTIA: DIAGNOSIS, ASSESSMENT & DISEASE MONITORING*

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- **Leisure Activity, Brain beta-amyloid, and Episodic Memory in Adults with Down Syndrome** *DEVELOPMENTAL NEUROBIOLOGY*
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