

Wisconsin ADRC Guest Lecture



Thomas Karikari, PhD, is an assistant professor at the University of Gothenburg, Sweden, and the University of Pittsburgh, USA. His lab's main research interest is to understand the processing of neurodegenerative proteins in the human brain and biofluids, and apply this knowledge to develop new diagnostic tools for clinical use. To this end, he has been successful in discovering and developing tools to measure specific forms of the pathological tau protein in blood. The first blood test he developed is now commercialized and awaiting FDA approval for clinical diagnostic and trial use. Dr. Karikari has received several major awards for these discoveries, including the Astrup Prize in clinical chemistry from the Nordic Federation for Clinical Chemistry, and the Best Alzheimer Publication Award from the Swedish Alzheimer's Foundation. He holds research fellowships from the Swedish Research Council, the Alzheimer's Association and the BrightFocus Foundation, and is the principal investigator of grants from several other sources. He has published over 80 PubMed-indexed, peer-reviewed articles and has an awarded patent.

In 2018, Dr. Karikari earned his PhD from Warwick University in the UK, funded by a studentship from the Biotechnology and Biological Sciences Research Council (BBSRC). At the end of his PhD, he was a visiting scholar at Harvard Medical School with fellowships from the Royal Society of Chemistry and the BBSRC. Previously, he completed his bachelor's education in biochemistry in his native Ghana with first-class honors and was awarded the Dean's Award for Academic Excellence. This was followed by a master's degree in pharmaceutical biotechnology in Leicester funded by a Commonwealth Scholarship.

Blood biomarkers for Alzheimer's disease: Update, progress, and unanswered questions

Tuesday, August 23

Noon-1 p.m.

HSLC 1345 and via Livestream

All faculty, staff, students, and trainees are invited to attend.

Registration is encouraged.

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**Wisconsin Alzheimer's
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