Laurent Cleret de Langavant, MD, PhD

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Key Areas: neurodegenerative disorders, neuropsychology, social cognition, biomarkers, statistical learning

The objectives of GBHI to raise public awareness about dementia and to intervene on dementia risk factors match the interests of neurologist Laurent Cleret de Langavant of finding new determinants of dementia in the general population. Recent publications suggest that the incidence of dementia is decreasing in developed countries, but the factors contributing to this trend remain unidentified. Cleret de Langavant believes that some of these factors are related to living habits and personal background. He is exploring this hypothesis through the analysis of large population-based cohort studies, such as the Survey of Health, Ageing and Retirement in Europe (SHARE) and the Health and Retirement Study (HRS) in the USA, using statistical learning methods.

It is essential that we promote healthy aging not only in western countries, but also in developing nations where the incidence of dementia continues to rise.

This approach offers a global perspective on dementia risk factors in the general population in two different continents. The project is being conducted in collaboration with Kristine Yaffe at UCSF, who has extensive experience conducting research focused on identifying risk factors for cognitive decline in older adults. The results of
this research project will provide scientific evidence to support the development of innovative public health intervention programs, and they will inform the general public about new preventive factors of dementia.

**Bio:** Laurent Cleret de Langavant received an MD in neurology from Henri Mondor hospital, Assistance Publique – Hôpitaux de Paris and a PhD degree in neuroscience from Paris Est University. For the past ten years, he was worked as an assistant professor of neurology at Paris Est University, specializing in the diagnosis, care, and follow-up of patients with dementia. Cleret de Langavant takes a transdisciplinary approach to his clinical and research career, incorporating neurology, neuropsychology, social cognition, psychophysics, brain imaging, ethics, statistical learning, and public health to better understand, care for, and treat people living with dementia.