Omics Approaches in Alzheimer's Disease Research

We are pleased to invite you to participate in our Supplementary Issue on "Omics approaches in Alzheimer's Disease research" which is being prepared for the *Journal of Alzheimer's Disease*.

This Supplementary Issue will focus on the application of omics strategies to characterize molecular mechanism as well as identify biomarkers and therapeutics for Alzheimer's disease (AD).

With the advent of new omics technologies, in the past few years, there has been a deluge of complex, high-dimensional data on AD and related dementias. In particular, single-nucleus technologies have begun to unveil the molecular underpinnings of various brain cell-types and states, their response to AD pathology, and the interactions amongst them. To date, several bulk and single-nucleus transcriptomics studies on AD have been published. In addition, several more studies on epigenomics and genetics of AD have also been published. Additional data that shed light on the spatial relationships of brain cells with AD pathology is also being generated.

This Supplementary Issue aims to collect papers presenting new omics data or analyzing extant data in novel ways in order to provide new insights into altered pathways and disease-related processes, increasing our understanding of AD pathogenesis to identify specific biomarkers of disease status, progression, or therapeutic response.

Original research manuscripts and reviews (including systematic and narrative reviews) dealing with these specific aspects are very welcome. The submission deadline is **May 31, 2023**. There are no publication fees for the accepted articles in this issue. However, if wish your article to be open access, you must pay for this separately (see our website for pricing: https://www.j-alz.com/fees).

Articles should be prepared/formatted per our instructions to authors (http://www.j-alz.com/prep), and all articles will be peer-reviewed as soon as they are submitted (no delay). Submissions are through Editorial Manager: https://www.editorialmanager.com/j-alz/default2.aspx (select the section/category "Supplementary Issue on Omics approaches in AD Research").

Once an article is accepted, it will be posted online and added to PubMed in the usual amount of time for a JAD article (no extra delay while the supplementary issue is being completed). All articles will be published in JAD with the usual indexing in PubMed, Scopus, Web of Science, etc.

We look forward to receiving contributions from your research group. Please feel free to contact us in case you have any further questions.

If you plan to submit, please notify the editorial office at editorial@j-alz.com with a tentative title to help with the planning for this issue.

Many thanks,
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