

## Special Issue

# Apolipoprotein E and Pathogenic Mechanisms in Human Diseases and Disorders

### Message from the Guest Editor

As apoE is likely involved in diverse aspects of physiological functions through the entire body, beyond lipid transport, the disturbance of the pathway possibly contributes to numerous diseases and disorders. In humans, there are three APOE genotypes (APOE2, APOE3 and APOE4). APOE genotypes influence blood lipid metabolism and cardiovascular disease risk. Furthermore, accumulating evidence has demonstrated that APOE genotypes are associated with risks and outcomes for various neurological diseases. In particular, since APOE4 is the strongest genetic risk factor for late-onset Alzheimer's disease, contributions of apoE to the disease pathogenesis have been extensively focused. Interestingly, APOE genotypes have been also shown to impact human longevity. Thus, this Special Issue will focus on addressing apoE-related molecular mechanisms and APOE genotype-dependent effects in neurological and non-neurological diseases and disorders. Dr. Takahisa Kanekiyo

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### Guest Editor

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### Deadline for manuscript submissions

closed (25 February 2019)



## International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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