



## Apolipoprotein E and Pathogenic Mechanisms in Human Diseases and Disorders

Guest Editor:

**Dr. Takahisa Kanekiyo**

Department of Neuroscience,  
Mayo Clinic, 4500 San Pablo  
Road, Jacksonville, FL 32224, USA

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### 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  
*Guest Editor*





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Department of  
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delle Marche, Via Ranieri 65,  
60100 Ancona, Italy

## Message from the Editor-in-Chief

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*International Journal of Molecular  
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MDPI, Grosspeteranlage 5  
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