



## The Molecular Mechanism of Dementia and Age-Related Comorbidity

Guest Editor:

**Prof. Dr. Shin Murakami**

Department of Basic Sciences,  
College of Osteopathic Medicine,  
Touro University California,  
Vallejo, CA, USA

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### Message from the Guest Editor

This Special Issue aims to develop our understanding of the transition of middle-life processes from normal aging to disease. Recent studies on the human genome, including on genome-wide association studies (GWAS), have identified the metabolism and diabetes genes that are risk indicators of dementia. These represent the comorbidities of multiple diseases that are associated with dementia. A goal of those studies is to apply to direct-to-consumer (DTC) genomics in which we could predict the risk of each disease by looking at the genetic data. However, how the genes mediate the transition of middle-life to late-life problems such as dementia has yet to be adequately explored. This Special Issue emphasizes but is not limited to the involvement or association of metabolism and diabetes with dementia, including neurodegenerative diseases such as Alzheimer's disease. Particularly, model systems will be useful to understand the mechanisms in humans. We would like to invite a collection of heritable knowledge toward the middle-life crisis theory of aging, which explains the transition from young to old.





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### Prof. Dr. José L. Quiles

Department of Physiology,  
Institute of Nutrition and Food  
Technology “Jose Mataix”,  
Biomedical Research Center,  
University of Granada, Avda.  
Conocimiento s/n, 18100 Armilla,  
Granada, Spain

## Message from the Editor-in-Chief

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*International Journal of Molecular  
Sciences* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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