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Neurodegenerative Diseases: Modern Diagnostic Techniques and Emerging Therapeutic Perspectives

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Message from the Guest Editor

Alzheimer's disease (AD) is the most common neurodegenerative disease, but its causes remain largely unclear. Genetic risk variants identified so far show either small effect sizes or with larger effects but are extremely rare in frequency among the population. AD's missing heritability remains therefore extensive, which has been attributed, at least partially, to mechanisms not currently investigated by traditional "single-locus" approaches, i.e., testing a single genetic variant and/or gene. In this Special Issue, we will focus on "multi-locus" approaches, i.e., the role of polygenic risk scores (PRS, i.e., the summation of multiple risk loci across the genome) and epistasis (i.e., interaction between genetic loci) in the context of AD and its endophenotypes.

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Special Issue



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Message from the Editor-in-Chief

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