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Biotherapeutics and chronic diseases with relevance to insulin resistance and dementia

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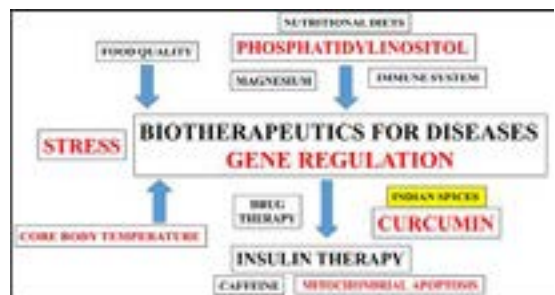
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Biotherapeutics and nutritional biotherapy have become important to reverse global chronic diseases such as non alcoholic fatty liver disease, diabetes and neurodegenerative diseases such as Alzheimer's disease and Parkinson's disease that have become of major concern to the developed and developing world. Factors such as stress, core body temperature and food quality influence biotherapeutics with chronic and neurodegenerative diseases associated with dementia and dementia care. Biotherapeutics that involve Indian spice therapy require reassessment with relevance to the prevention of uncontrolled mitochondrial apoptosis. The identification of anti-aging genes is necessary for biotherapeutics and the understanding of transcriptional regulation of gene expression and maintenance of cell survival in the periphery and the brain. These anti-aging genes are linked to appetite, longevity and mitochondrial

biogenesis with relevance to the dementia care in various global populations. The role of biotherapeutics such as magnesium therapy is associated with cell survival and reassessment of biotherapeutics with relevance to insulin resistance and programmed cell death is critical to dementia and dementia care.



Biography

Ian James Martins is an Editor/Reveiwier for Open Acess Pub/MDPI journals/other international journals, Advisory Board Member for Photon Journal and a Fellow of International Agency for Standards and Ratings (IASR). He conferred with the "Richard Kuhn Research Award-2015 Endocrinology and Metabolism". He is the Chief Editor for International Journal of Diabetes Research (2014-2018), Research and Reviews: Neuroscience (2016-2018) and Journal of Diabetes and Clinical Studies (2017-2018).

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