Development of a Delivery System for Statin Targeted Spray is a Breakthrough Therapy in Alzheimer's Prevention

Authors : Fakhr Eddin Alnaal, Angela Dahdal, Duaa Aladib, Sabeen Ibrahim, Ibrahim Ghoraibi, Bissan Ahmed **Abstract :** Dementia is one of the diseases which had several stages and Alzheimer's term was selected in respect for the first doctor Alzheimer who defined the first symptoms of this diseases in a woman whom was well treated by him. The fact that this is a type of a silent disease on which you have a long-term process of neurological degradation and suddenly gives symptoms which are most often irreversible, on clinical level likely we can consider it as a malignancy, one in terms of that it is sudden shocking irreversible and on the level of behavior and some mortality beside the lack of early detection tools for diagnosis. Therefore, the goal of our project is to test the concept of the ability of Statin in prevention of such disease and we investigated that both on experimental level and most importantly on clinical one, the clinical part was performed in a recognized house of aged people who had accidently a high cholesterol and were for years given Statin to treat that elevation, however after the symptoms of Alzheimer's appeared and when diagnosed, they were well treated and rapidly recovered compared to Alzheimer's patients in the same house who did not receive Statin had a mild improvement in their symptoms after the therapy, on the other hand we confirmed such observation by a well-organized experimental work.

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Keywords : Alzheimer's, dementia, silent disease, statin

Conference Title : ICNT 2022 : International Conference on Neurology and Therapeutics

Conference Location : Rome, Italy

Conference Dates : September 15-16, 2022