

14<sup>th</sup> World Summit on

# Alzheimer's Disease, Dementia Care Research and Awareness

6<sup>th</sup> World Summit on

# & Heart, Stroke and Neurological Disorders

August 31- September 01, 2018 | Boston, USA



## Martin Tolar

Alzheon Inc, USA

### Prevention and treatment of Alzheimer's disease and other neurodegenerative disorders by inhibition of protein misfolding and aggregation

Alzheon, Inc. is committed to developing innovative medicines by directly addressing the underlying pathology of devastating neurodegenerative disorders. Our lead Alzheimer's clinical candidate, ALZ-801, is a Phase 3-ready, first-in-class, small molecule oral inhibitor of amyloid aggregation and neurotoxicity – hallmarks of Alzheimer's disease. ALZ-801 is a novel prodrug that builds on the safety and efficacy profile of the active compound tramiprosate, which has been evaluated in clinical trials involving over 2,000 Alzheimer's patients. Our clinical expertise and technology platform is focused on developing drug candidates using a Precision Medicine approach based on individual genetic and biological information to advance therapies with the greatest impact for patients. ALZ-801 is a novel, oral anti-amyloid drug candidate that is an optimized prodrug of tramiprosate, which has shown promising results in analyses of clinical data and therapeutic mechanism of action. This includes the discovery of its novel molecular mechanism of action blocking the formation of toxic amyloid oligomers<sup>1</sup> associated with the development and progression of an AD. The clinical data for ALZ-801 and its active agent, tramiprosate, suggest long-term clinical efficacy in AD patients with the APOE4 genotype, along with a favorable safety profile. The initial Phase 3 program for ALZ-801 will focus on patients with the homozygous APOE4/4 genotype at the Mild stage of an AD, with the potential for future expansion to additional Alzheimer's populations. ALZ-801 received Fast Track designation by the U.S. Food and Drug Administration (FDA) in October 2017.

### Biography

Prior to founding Alzheon, Dr. Tolar has held executive positions in life sciences companies, where he has successfully established and grown new companies, business areas and product opportunities. Dr. Tolar served as President & CEO of Knome, Inc., he pioneered human genome interpretation systems and services for academic, pharmaceutical and clinical clients, as President & CEO at NormOxys, Inc., he built and financed the business for novel cancer therapeutics and as CSO and CBO at CoMentis, Inc., he built the first clinical beta-secretase inhibitor platform and negotiated a landmark deal for the program for \$1.1 billion with Astellas Pharma in 2008. Dr. Tolar held a variety of clinical development and business leadership positions at Pfizer, was instrumental in a wide range of business transactions, including an acquisition of Rinat Neuroscience for \$500 million in 2006 and directed programs through all stages of clinical development and FDA approvals including NDA filings.

[martin.tolar@alzheon.com](mailto:martin.tolar@alzheon.com)

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