Methods of Diagnosis and Treatment of Alzheimer's Disease

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ABSTRACT

Researchers at the University of California, Davis have discovered an association between Alzheimer's disease and the presence of Gram-negative bacterial molecules in brain tissue.

FULL DESCRIPTION

Most medications made to treat Alzheimer's disease (AD) aim to help improve memory or slow the development of symptoms. Others attempt to suppress the behavioral issues associated with the disease. However, none of these medications treat the cause of AD or prevent further brain damage.

Researchers at the University of California, Davis have discovered an association with bacterial molecules and AD neuropathology. Based on this correlation, a vaccine treatment has been proposed against the bacterial infection that may prevent or delay AD progress.

APPLICATIONS

- Diagnosing AD for at risk population
- Producing vaccines against AD
- Mitigating or reducing symptoms associated with AD

FEATURES/BENEFITS

- Can diagnose AD at an early stage
- Reducing symptoms in AD patients

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	11,598,774	03/07/2023	2017-127

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OTHER INFORMATION

KEYWORDS

Alzheimer's disease, amyloid plaques

CATEGORIZED AS

- **Biotechnology**
  - Health
- **Medical**
  - Disease: Central Nervous System

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