## Therapeutic Agents in Phase II Clinical Trials for Alzheimer's Disease (1 of 3)

ABBV-8E12: anti-tau antibody
AbbVie

ABvac40: Amyloid Immunotherapy
Araclon Biotech

AD-35: Acetylcholinesterase inhibitor

Zhejiang Hisun Pharma
AMX0035: Blocks mitochondrial
and endoplasmic reticulum stress
Amylyx Pharmaceuticals

ANAVEX2-73: Muscarinic agonist and sigma receptor agonist

**Anavex Life Sciences** 

APH-1105: Alpha secretase modulator

**Aphios** 

AR1001: Non-selective dopamine agonist

AriBio Co

Autologous adipose-derived mesenchymal stem cells: Surgically administered to differentiate into nerve cells

Hope Biosciences

Azeliragon: RAGE inhibitor vTv Therapeutics BAN2401: humanized IgG1 version of the mouse mAb158

Eisai

Benfotiamine supplement

Burke Research Institute

BIIB092: anti-eTau biologic

Biogen

Boost A nutritional supplement

National Institute on Aging

BPN14770: Allosteric inhibitor of phosphodiesterase 4D

Tetra Discovery Partners

CAD106: immunotherapy to betaamyloid

Novartis Pharmaceuticals
Candesartan: Angiotensin receptor
blocker

Emory University
CB-AC-02 stem cells: surgically administered to differentiate into nerve cells

CHABiotech Co., Ltd

Cilostazol: phosphodiesterase inhibitor with therapeutic focus on cyclic adenosine monophosphate

National Cerebral and Cardiovascular Center

COR388: Peptide hydrolase inhibitor; inactivates gingipains released by P. gingivalis

Cortexyme

CNP520: BACE inhibitor

**Novartis Pharmaceuticals** 

Crenezumab: Amyloid antibody

Genentech

CT1812: displaces bound Aβ oligomers

Cognition Therapeutics

Curcumin supplement

VA Office of Research

DAOI: NMDA receptor enhancer Chang Gung Memorial

Hospital

Dapagliflozin: Sodium-glucose cotransporter 2 inhibitor

University of Kansas

Daratumumab: human antibody that targets CD38

Janssen

Dasatinib + Quercetin: tyrosinekinase inhibitor + nutritional supplement

> University of Texas Health Science Center at San Antonio

Deferiprone: Iron chelator

Neuroscience Trials Australia

Docosahexaenoic acid supplement

University of Southern California

Elderberry juice supplement

University of Missouri

Gantenerumab: beta-amyloid antibody

Washington University

GB301: Autologous regulatory T cells

**GMP BIO Co** 

## Therapeutic Agents in Phase II Clinical Trials for Alzheimer's Disease (2 of 3)

Ginkgo biloba, with and without donepezil

The First Affiliated Hospital with Nanjing Medical University

Grape powder supplement UCLA

Grape-seed extract supplement

National Center for Complementary and Integrative Health

GRF6019: Plasma therapy

Alkahest

Gulingji capsules: Chinese medicine compound

Xiyuan Hospital of China

GV1001: Telomerase peptide

GemVax & Kael

Human Mesenchymal Stem Cells: surgically administered to differentiate into nerve cells

Stemedica Cell Technologies

Icosapent ethyl / Omega-3 fatty acid: nutritional supplement

USC, VA Office of Research, OHSU, University Hospital Akershus Immunoglobulin: Treats primary immunodeficiency

Sutter Health

Insulin glulisine: Insulin analog
HealthPartners Institute

Insulin, intranasal: pancreatic anabolic peptide hormone

Wake Forest University Health Sciences

IONIS MAPTRx: Targets tau protein

Ionis Pharmaceuticals

L-serine: Amino acid used in the biosynthesis of proteins

Dartmouth-Hitchcock Medical Center

Lemborexant: Antagonist of orexin OX1 and OX2 receptors

Eisai

Lenalidomide: derivative of thalidomide

The Cleveland Clinic

Levetiracetam: Synaptic vesicle protein modulator, decreases betaamyloid production

University of Minnesota and others

Liraglutide: agonist to receptors of glucagon-like peptide 1 (GLP-1)

Imperial College London

Lithium: GSK3 Inhibitor

New York State Psychiatric Institute

LM11A-31-BHS: p75 neutrophin receptor ligand

PharmatrophiX

Losartan, amlodipine & atorvastatin combination therapy: angiotensin II receptor blocker, calcium channel blocker, and hydroxymethylglutaryl-coenzyme, a reductase inhibitor

University of Texas Southwestern

Lupron (plus acetylcholinesterase inhibitor): synthetic gonadotropinreleasing hormone and acetylcholinesterase inhibitor

NYU Langone Health

LY3002813: Monoclonal antibody

Eli Lilly and Company

LY3303560: Tau MAB

Eli Lilly and Company

Metabolic Cofactor Supplement

Istanbul Medipol University Hospital

Metformin: Lowers blood glucose levels

Johns Hopkins University

MMFS-205-SR supplement

Neurocentria

Montelukast: Leukotriene receptor antagonist

IntelGenx

NA-831: neuroprotective and neurogenesis agent

NeuroActiva

Neflamapimod: Inhibitor of the enzyme p38 mitogen-activated protein kinase alpha (p38α)

EIP Pharma, University Hospital, Toulouse

NeuroStem (stem cells): Surgically administered to differentiate into nerve cells

Medipost

## Therapeutic Agents in Phase II Clinical Trials for Alzheimer's Disease (3 of 3)

Niagen® supplement

University of Delaware

Nicorandil: anti-angina medication

University of Kentucky

Nicotinamide supplement

University of California-Irvine

Nicotine: nicotinic acetylcholine receptor (nAChR) agonist

USC

Nilotinib: BCR-ABL kinase inhibitor

Georgetown University

ORY-2001: SD1 and MAO-B

inhibitor

Oryzon Genomics S.A.

Perindopril: ACE inhibitor

Sunnybrook Health Sciences

PMZ-1620: selective endothelin-B

receptor agonist

Pharmazz, Inc.

Polyamine supplement

Charite University, Berlin

Posiphen®: reduces amyloid

precursor protein

**QR** Pharma

PQ912: inhibitor of glutaminyl cyclase (QC)

Probiodrug AG

Prazosin: alpha-1 adrenoreceptor antagonist

**ADCS** 

Rifaximin: oral antibiotic

**Duke University** 

Riluzole: glutamate modulator

Icahn School of Medicineat

**Mount Sinai** 

RO7105705: anti-tau antibody

Genentech

RPh201: botanical extract

Regenera Pharma

Sargramostim: Stimulates the immune system, reduces inflammation, activates microglia

University of Colorado

S-Equol: estrogen receptor  $\beta$  (ER $\beta$ ) agonist

Ausio Pharmaceuticals

Souvenaid nutritional supplement University of Miami

T3D-959:dual PPAR-δ/PPAR γ nuclear receptor agonist

T3D Therapeutics, Inc

T-817MA: neurotrophic agent

FUJIFILM Toyama Chemical Co., Ltd.

Tacrolimus: immunosuppressant

Massachusetts General

Hospital

Thiethylperazine: Antiemetic -

antipsychotic

Immungenetics AG

Trigriluzole: Pro-drug of riluzole, a glutamate modulator agent

Biohaven Pharmaceuticals

Valacyclovir: Antiviral

Umea University; New York State Psychiatric Institute

VGH-AD1: Traditional Chinese Herbal Medicine

> Taipei Veterans General Hospital, Taiwan

Vitamin D3 supplement

University of California, Davis

## For related symptoms:

Brexpiprazole (agitation): Dopamine D2 receptor partial agonist

Otsuka Pharmaceutical

Cannabis oil (agitation): Cannabinoid

TO Pharmaceuticals

Dexmedetomidine (agitation): inhibition of norepinephrine

BioXcel Therapeutics Inc

Nabilone/Dronabinol (agitation): The principal psychoactive constituent of cannabis

Johns Hopkins University