# 河南省科学技术奖公示内容

项目名称：阿尔兹海默病关键病理调控机制及早期干预措施

提名者：河南省教育厅

提名等级：科技进步二等奖

主要知识产权和标准规范目录，论文（专著）目录：

(1) Tau acetylates and stabilizes beta-catenin thereby promoting cell survival., EMBO Reports, 2020, 21(3): 0-e48328

(2) Human tau accumulation promotes glycogen synthase kinase-3β acetylation and thus upregulates the kinase: A vicious cycle in Alzheimer neurodegeneration, EBioMedicine, 2022, 78:0-103970

(3) Alzheimer-like tau accumulation in dentate gyrus mossy cells induces spatial cognitive deficits by disrupting multiple memory-related signaling and inhibiting local neural circuit., AGING CELL, 2022, 0-e13600

(4) Circular HDAC9/microRNA-138/Sirtuin-1 pathway mediates synaptic and amyloid precursor protein processing deficits in Alzheimer's disease. *Neuroscience Bulletin*, *35*(5), 877-888.

(5) Intracellular accumulation of tau inhibits autophagosome formation by activating TIA1-amino acid-mTORC1 signaling, Military Medical Research, 2022, 9(1)

(6) Enriched gestation activates the IGF pathway to evoke embryo-adult benefits to prevent Alzheimer's disease, Translational Neurodegeneration, 2019, 8: 0-8

(7) Phloretin enhances autophagy by impairing AKT activation and inducing JNK-Beclin-1 pathway activation, Experimental and Molecular Pathology, 2022, 127: 104814-104814

(8) Almitrine-Raubasine combination for dementia. Cochrane Database Syst Rev. 2011 Mar 16;(3):CD008068.

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