

Eclipta Alba Mitigates Alzheimer's Pathology Via Sirt1-driven Neurogenesis and Neurotrophins

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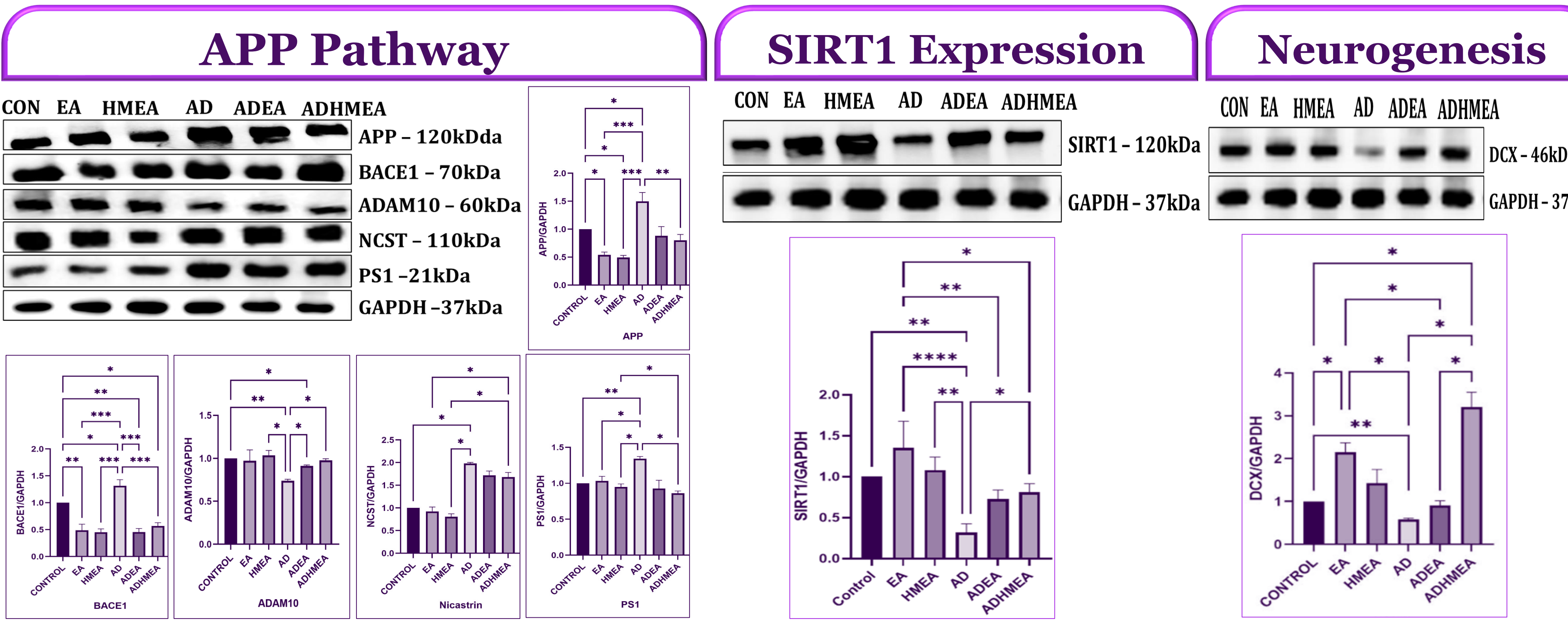
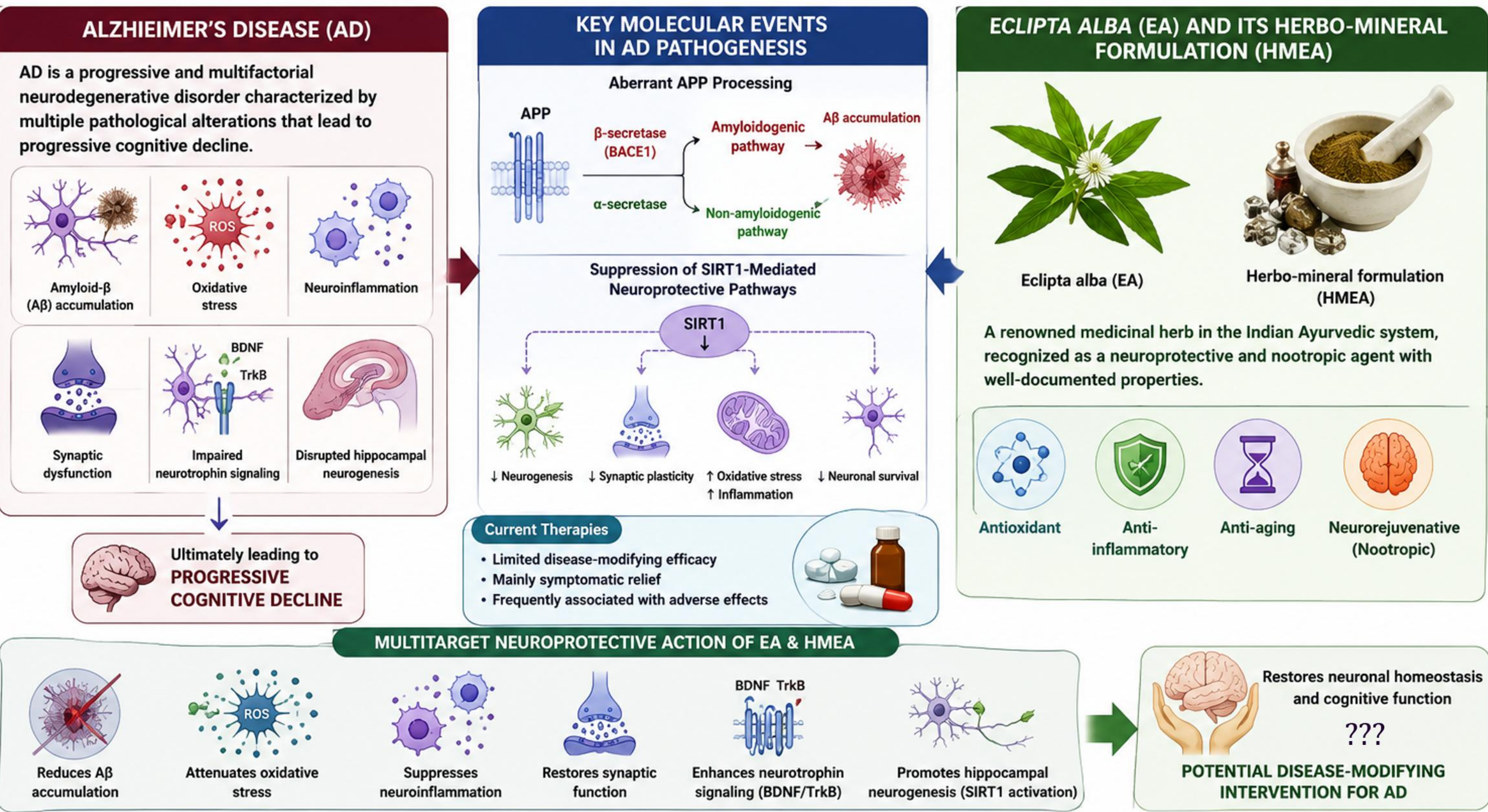
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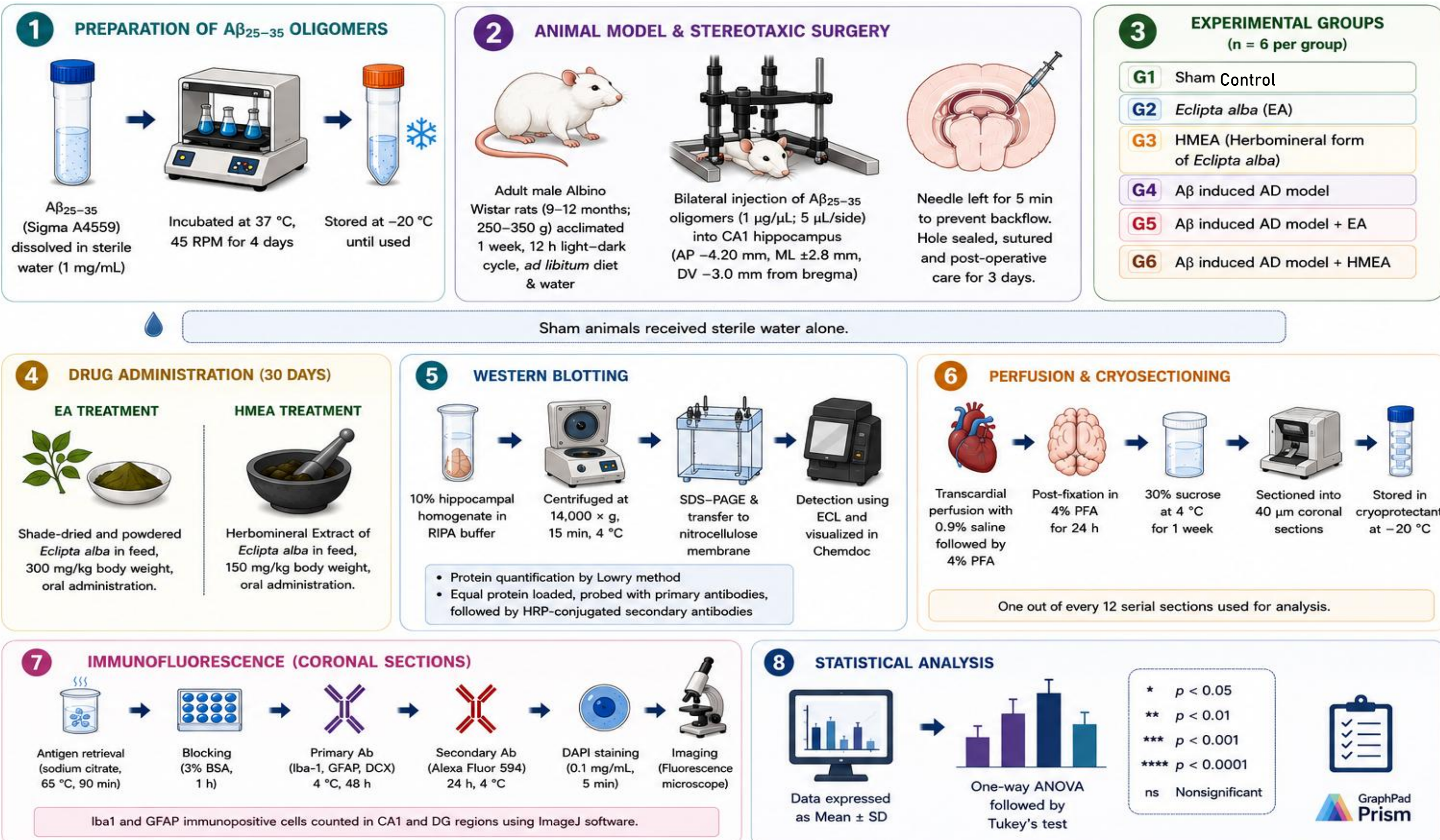
An Indian Ayurvedic drug, *Eclipta alba* particularly its herbo-mineral formulation (HMEA), is a promising multitarget neuroprotective agent that restores neuronal homeostasis by promoting neurogenesis, preserving neuronal function, and attenuating the key pathological hallmarks of Alzheimer's disease.

INTRODUCTION

RESULTS



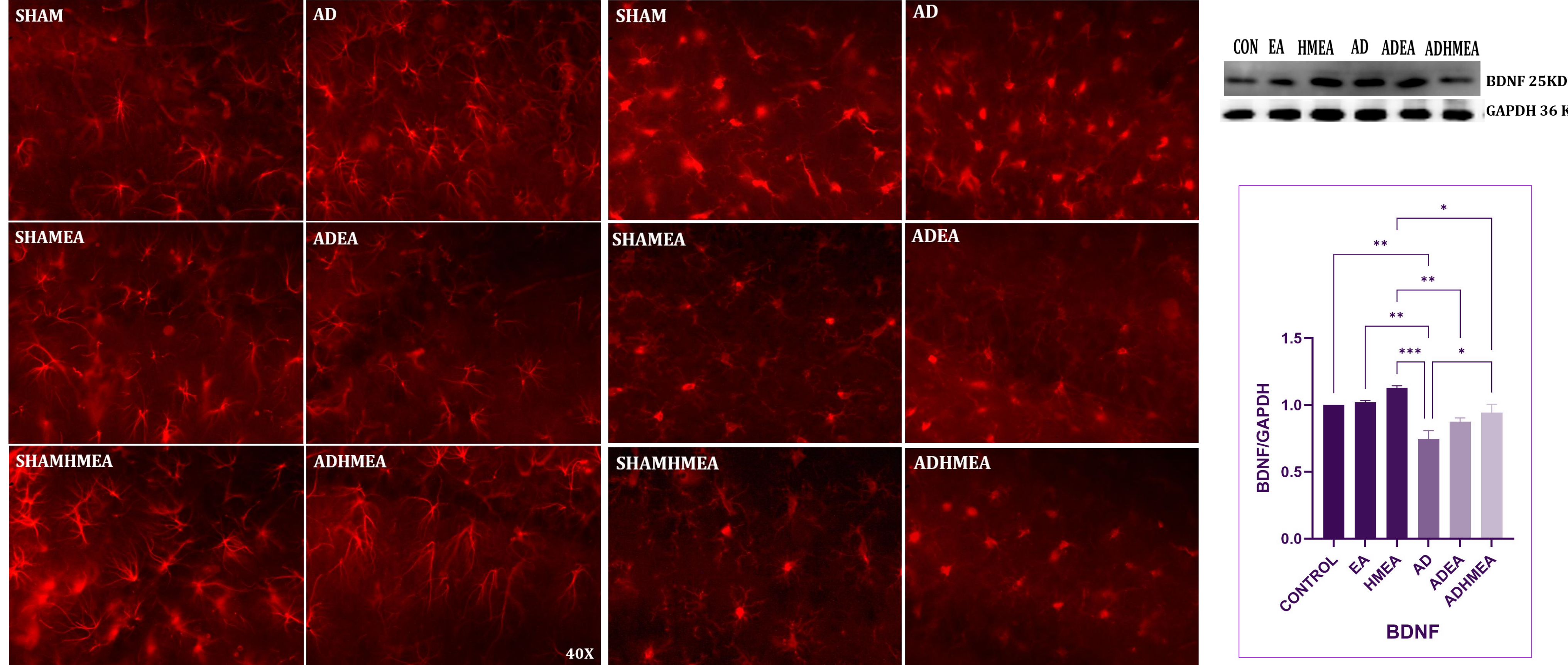
METHODOLOGY



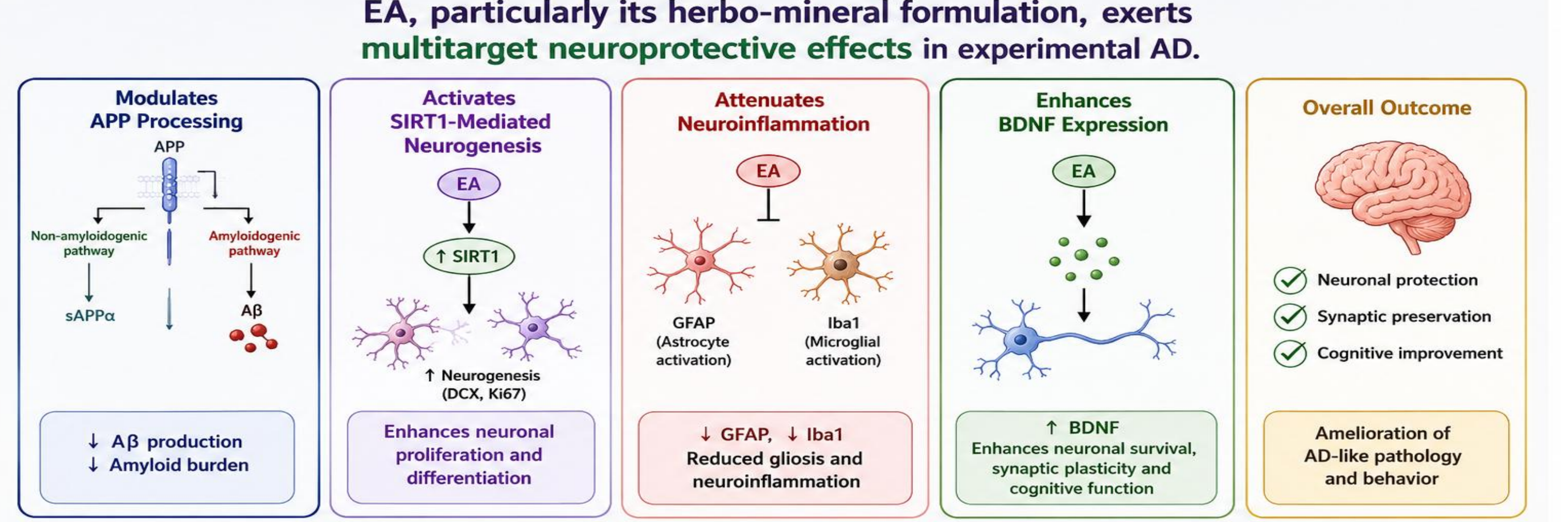
Astrocytes (GFAP)

Microglia (IbA1)

BDNF



CONCLUSION



EA represents a promising **disease-modifying phytotherapeutic strategy** for AD and warrants further translational and clinical exploration.

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