

## An ErbB2 inhibitor can reduce Abeta production and improve cognition

Dr. Yung-Feng Liao, an Associate Research Fellow, and Dr. Bo-Jeng Wang, a former Postdoctoral Research Fellow at Dr. Liao's lab, at the Institute of Cellular and Organismic Biology recently found that a chemical inhibitor of ErbB2 can preferentially suppress the production of amyloid- $\beta$  (A $\beta$ ) and improve the learning and memory of a transgenic mouse model of Alzheimer's disease (AD). The research was published in the Proceedings of the National Academy of Science, the United States of America on April 11, 2017.

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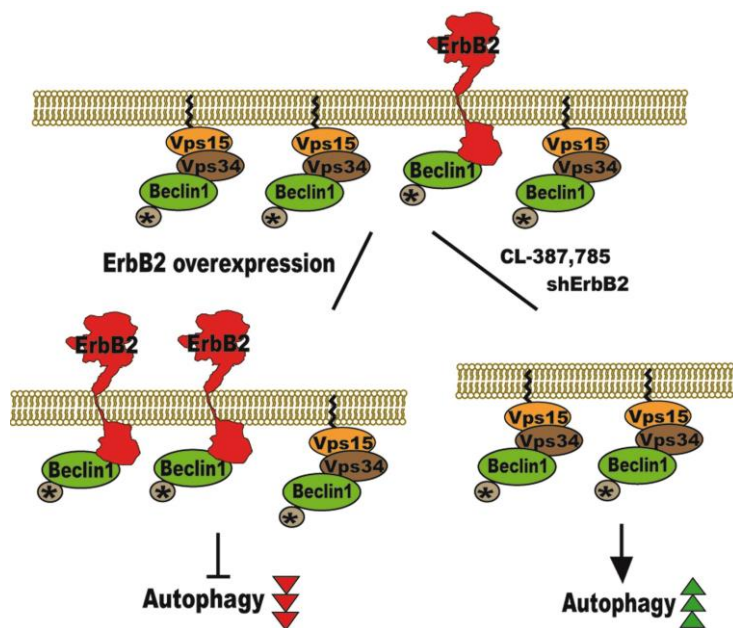


Figure 1. A Proposed Model for ErbB2-regulated Autophagy.