

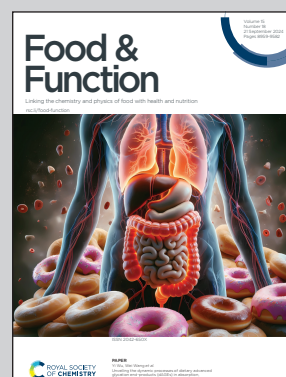


Showcasing research from Professor Shijun Xu's laboratory, School of Pharmacy, Chengdu University of Traditional Chinese Medicine, Chengdu, China.

Dietary bitter ginger-derived zerumbone improved memory performance during aging through inhibition of the PERK/CHOP-dependent endoplasmic reticulum stress pathway

The findings revealed that Zerumbone (ZB) rescued aging-related cognitive impairment (ARCD) involving the inhibition of oxidative stress and neuronal apoptosis through inhibiting the PERK/CHOP-dependent ER stress pathway, implying that ZB derived from dietary bitter ginger is a potential sesquiterpene compound for relieving ARCD.

As featured in:



See Wen Wen, Shijun Xu *et al.*, *Food Funct.*, 2024, **15**, 9070.