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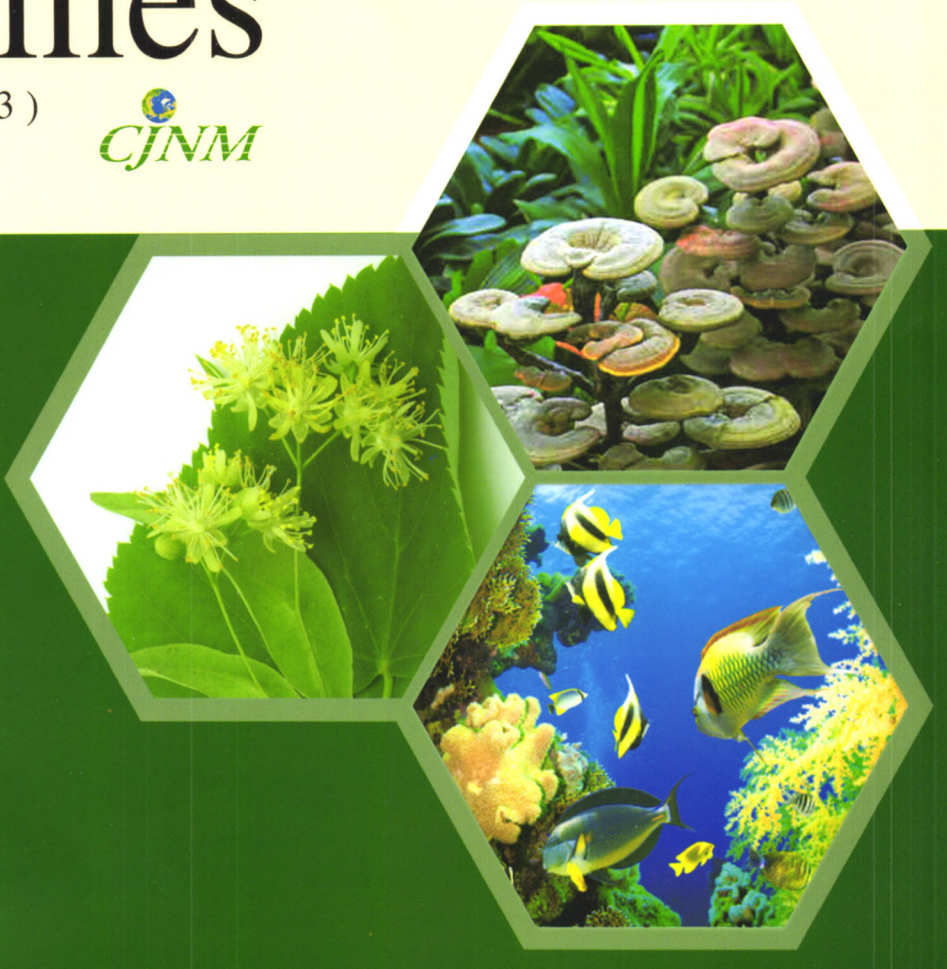

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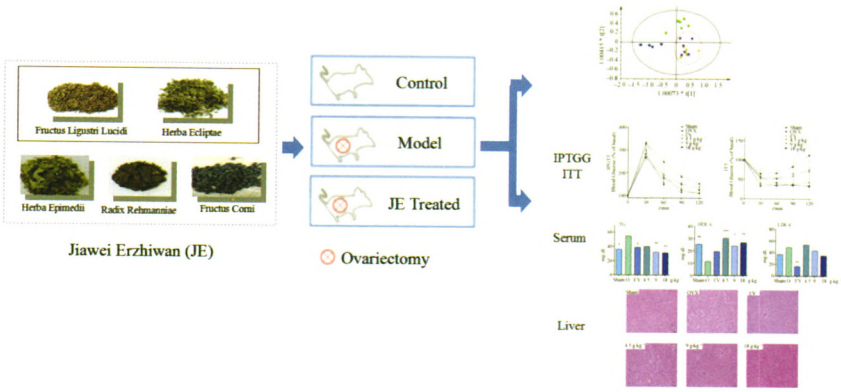
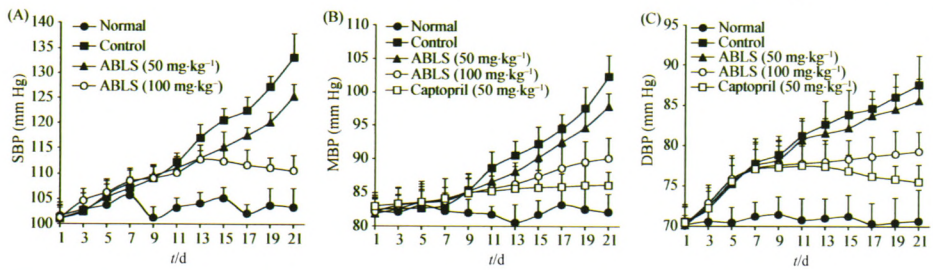


Prophylactic effects of alkaloids from *Ba lotus* seeds on *L*-NNA-induced hypertension in mice

*SUN Peng, ZHU Kai, WANG Cun, LIU Wei-Wei, PENG De-Guang *, ZHAO Xin **

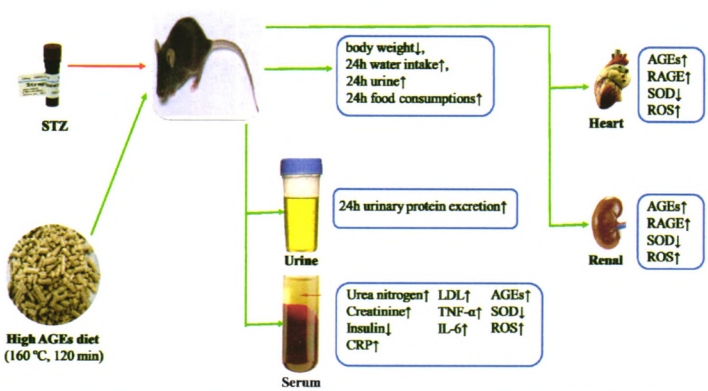
Alkaloids from *Ba lotus* seeds (ABLS) had a good prophylactic effects of *L*-NNA-induced hypertension in mice.



Food-advanced glycation end products aggravate the diabetic vascular complications *via* modulating the AGEs/RAGE pathway

*LV Xing, LV Gao-Hong, DAI Guo-Ying, SUN Hong-Mei, XU Hui-Qin **

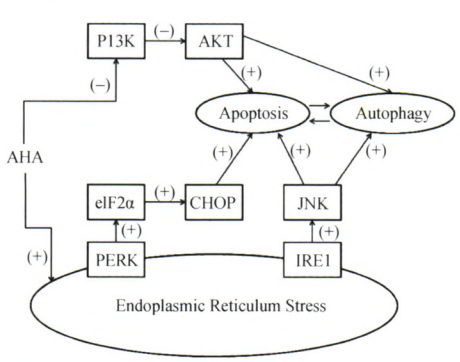
Food-advanced glycation end products could aggravate the angiopathies in STZ-induced diabetic mice, which may contribute to the AGE/RAGE/ROS interactions that play a key role in pathogenesis of vascular complications in diabetes.



Agglutinin isolated from *Arisema heterophyllum* Blume induces apoptosis and autophagy in A549 cells through inhibiting PI3K/Akt pathway and inducing ER stress

*FENG Li-Xing, SUN Peng, MI Tian, LIU Miao, LIU Wang, YAO Si, CAO Yi-Min, YU Xiao-Lu, WU Wan-Ying, JIANG Bao-Hong, YANG Min, GUO De-An *, LIU Xuan **

Agglutinin isolated from Arisema heterophyllum Blume (AHA) induced both apoptosis and autophagy in A549 cells. Cytotoxicity of AHA on cancer cells might be related to inhibition of PI3K/Akt pathway and induction of ER stress in AHA-treated cells.



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The Chinese Journal of Natural Medicines (CJNM) is devoted to communications among pharmaceutical and medicinal plant scientists who are interested in the advancement of the botanical, chemical, and biological sciences in support of the use of natural medicines in health care, in particular, traditional Chinese medicines (TCM). CJNM aims to cover a broad spectrum of original research papers and review articles on natural medicines or their products from all over the world, including those from TCM.

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