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Basic Study

Effect of liraglutide on endoplasmic reticulum stress in the renal tissue of type 2 diabetic rats

Zhao XY *et al.* Liraglutide effect on diabetic rats' kidney

Xuan-Ye Zhao, Ting-Ting Yu, Sheng Liu, Yao-Ji Liu, Jing-Jin Liu, Jie Qin

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Sep 18, 2018 · Introduction. Diabetes mellitus (DM) **type 2** is a key public health problem worldwide, predicted to **affect** more than 500 million people by 2035.¹ DM is a major risk for cardiovascular diseases (CVDs) including coronary heart disease, stroke, peripheral artery disease, heart failure, and atrial fibrillation; and DM was listed as the primary or secondary cause of >200 000 deaths in the United ...

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Our findings support the possibility that endoplasmic reticulum stress may be a mechanism for **the cardiovascular effects of liraglutide** in the vasculature, and treatments with endoplasmic reticulum stress inhibitors may be a novel strategy to restore endothelial function in ...

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