

Therapy for Hypertension and the Metabolic Syndrome

Published date: Feb. 1, 2012

Technology description

Summary

Much evidence has been presented that implicates the abnormalities in particular genes with the development of hypertension (high blood pressure) and other components of the metabolic syndrome, such as insulin resistance and vascular inflammation. Plasma levels of particular gene products are elevated in human essential hypertension. Polymorphisms in these genes are associated with hypertensive renal disease.

Description

UC San Diego investigators have created a novel microRNA targeting a region of genes involved in human hypertension. This novel inhibitor could be used as a therapy to treat hypertension. In the spontaneously hypertensive rat animal model, this inhibitor was shown to lower both systolic and diastolic blood pressure. This inhibitor could be a novel treatment in human hypertension and the metabolic syndrome.

Institution

[University of California, San Diego](#)

联系我们



叶先生

电话 : 021-65679356

手机 : 13414935137

邮箱 : yeyingsheng@zf-ym.com