New Pharmaceutical Targets to Treat Type II Diabetes Mellitus and Hypertension

Title: New Pharmaceutical Targets to Treat Type II Diabetes Mellitus and Hypertension

Invention: The invention is the development of drug targets to treat diabetes and hypertension by understanding the role of the liver in the regulation of insulin and blood pressure.

Background: Lipid accumulation in the liver is linked to diabetes and obesity induced hypertension, with obesity being thought to depolarize liver cells. This provides an opportunity for a targeted treatment to reduce obesity related complications like diabetes and hypertension.

Applications:

• Novel drug target for type II diabetes
• Novel drug target for hypertension
• Pharmaceutical industry

Advantages:

• Identifies multiple pathways and drug targets for greater success in finding a potential therapeutic agent
• Increases insulin sensitivity

Licensing Manager:

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