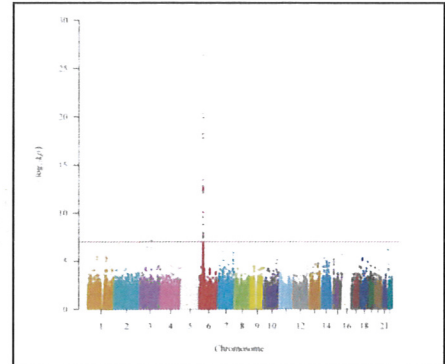# MEHOD FOR ASSESSING THE RISK OF ADVERSE DRUG REACTION AND DEVICE THEREOF

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Experience:

http://www.mc.ntu.edu.tw/staff/boss/MapleExpress032/blog2.html

Market Needs:

Hyperthyroidism is a common important disease affecting 1.0-1.6% of the population. Antithyroid drugs are treatment cornerstones, but might cause potentially fatal complications (agranulocytosis, defined as an absolute granulocyte count < 500 mm^{-3}) in 0.1-0.37% of patients. Previously there was no way to identify the individuals at risk. A reliable genetic prediction tool is highly needed. This can be a classical example for precision medicine.

Our Technology:

We have identified the major genetic determinants predicting up to 48.41 folds of increased risk in ethnic Chinese Hans.

Strength:

Prof. Chang is a globally renowned expert in thyroid diseases. Our team combines the expertise in clinical care of hyperthyroidism and translational research in genetics/genomics.

Competing Products:

None.

Intellectual Properties:

We have already filed for provisional patent application. We have been working on genetic studies of hyperthyroidism for almost 20 years. We are capable for conducting future clinical trials related to this invention.

Contact (do not need to fill out):

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