



Small molecules as protein stabilizers for the treatment of

PI : Prof. Wuh-Liang Hwu

Department of Pediatrics, College of Medicine, National Taiwan University

Experience:

Professor of Pediatrics, College of Medicine, National Taiwan University

Market Needs:

Global Pompe Disease Treatment Market is expected to register a CAGR of 3.0% during the forecast period of 2019 to 2030 and was valued at USD 1,181.6 Million in 2018.

Our Technology:

1. For the treatment of Pompe disease, one of lysosomal storage diseases.
2. The small molecules we developed can stabilize GAA enzyme.

Strength:

1. Easy preparation and no toxic effect
2. Better results and activities than current known ones in cell-based studies
3. This small molecule can stabilize GAA including the current protein drug to cost down of current enzyme replacement therapy and mutant GAA toward Pompe disease

Competing Products:

AT2220, AT2221 (Amicus)

Intellectual Properties:

1. Related patent
2. We have studied enzyme stabilizers and pharmacological chaperons for years.

Contact (do not need to fill out):

Center for Industry-Academia Cooperation, NTU
Tel: 02-3366-9945, E-mail: ntuciac@ntu.edu.tw