



New York University School of Medicine
Office of Industrial Liaison/Technology Transfer

Mnemosyne

Data Management—*Data Classification*

Principal Inventor:

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Description of the Technology:

Mnemosyne is an algorithm that processes and classifies data built for the medical industry. It serves to analyze tissue sample, interpret the data against the collected genomic data pool and classify the disease, if any, at the genomic level.

Features and Benefits:

- Targeted - Patient's disease is classified at the genomic level.
- Faster - Genomic data is processed faster and more accurately than competing algorithms.

Applications:

The Mnemosyne algorithm has applications in medical/research laboratories, hospitals, research institutions and pharmaceutical companies. When used in laboratories, Mnemosyne can detect similarities between the tested blood sample and data from the blood sample that has been stored previously. Mnemosyne could also be used to predict patterns in financial data.

Patent Status:

U.S. and international patent applications pending.

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