

United
States
of
America

Granted
June 29, 2021



US Patent No.
11,047,009 B2

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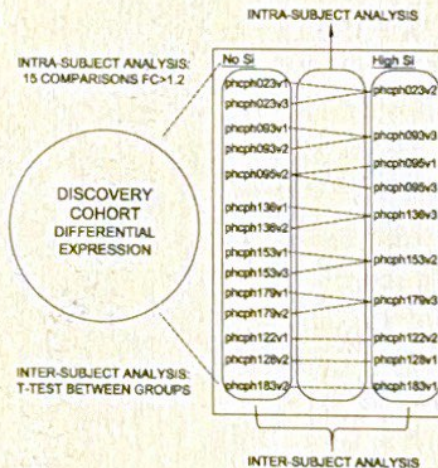
- INVENTOR -

BLOOD BIOMARKERS FOR SUICIDALITY

Indiana University Research and Technology Corporation, Assignee

1. A method for assessing and mitigating suicidality in a male bipolar subject in need thereof, comprising:

determining an expression level of at least a first panel of blood biomarkers or a second panel of blood biomarkers in a sample from the subject, where the first panel of blood biomarkers comprises small cell lung carcinoma cluster 4 antigen (CD24; CD24 molecule), ATPase type 13A2 (ATP13A2), epoxide hydrolase 1, microsomal (xenobiotic) (EPHX1), HtrA serine peptidase 1 (HTRA1); leptin receptor (LEPR), spectrin beta non-erythrocytic 1 (SPTBNI), muscleblind-like 2 (MBNL2), olfactory receptor family 2 subfamily J member 3 (OR2J3), Ras homolog enriched in brain (RHEB), and where the second panel of blood biomarkers comprises spermidine/spermine N1-acetyltransferase 1 (SAT1);



The Director of the United States Patent and Trademark Office has received an application for patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Alexander Niculescu
Director of the United States Patent and Trademark Office