Oxidative Biomarkers in Predicting Risk of Stroke and TIA

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TECHNOLOGY DESCRIPTION

Using a population-based prospective 15 year cardiovascular and stroke risk outcomes the researchers were able to demonstrate the clinical value of oxidation-specific biomarkers as predictors of cardiovascular events and stroke. Individually, one set of markers predicted a higher event rate, whereas another set of markers predicted a lower event rate. Since there are very few biomarkers for predicting stroke, laboratory assays with strong predictive value are certainly needed. The use of OxPL/apoB assay and other markers related to OxLDL to predict risk of stroke and TIA was previously not known. Oxidation specific epitopes have been shown here to predict CVD and stroke outcomes and provide clinical utility by reclassifying individuals into higher or lower risk categories.

PATENT STATUS

Country	Type	Number	Dated	Case
United States Of America	Issued Patent	9,347,959	05/24/2016	2012-203

CONTACT
University of California, San Diego
Office of Innovation and Commercialization
innovation@ucsd.edu
tel: 858.534.5815.



OTHER INFORMATION

CATEGORIZED AS

- **Medical**
  - Diagnostics

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