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(54) Title: MITOCHONDRIA-TARGETED ANTIOXIDANTS FOR USE IN THE TREATMENT OF CELL BAL-
LOONING-ASSOCIATED DISEASES, SUCH AS NON-ALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NON-ALCO-
HOLIC STEATOHEPATITIS (NASH)

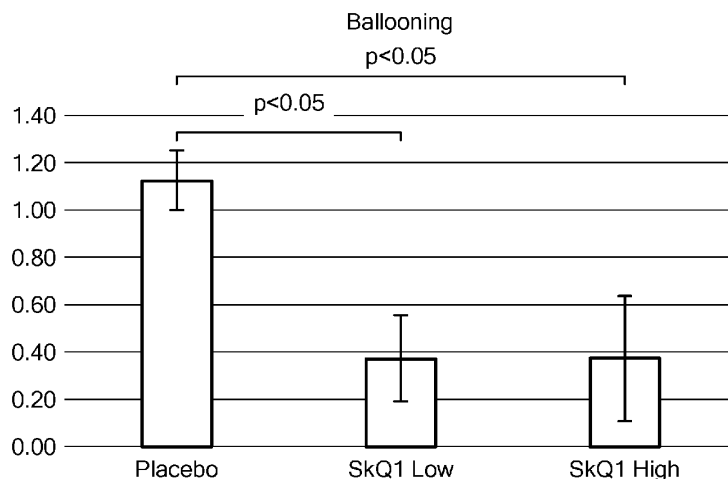


FIG. 1D

(57) Abstract: Methods and compositions for treating and preventing cell ballooning and other diseases or medical conditions are provided. The diseases or medical conditions are characterized by cell degeneration or cell death as a part of the disease pathogenesis. Cell ballooning is a condition associated with storage of excess fat in the liver. nutritional or biochemical imbalance, damage to mitochondria, ATP depletion, or virus infection. A mitochondrially targeted antioxidant compound is administered to a subject in need thereof, whereby excess fat is metabolized.

[Continued on next page]

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
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