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(54) Title: GLYCOSYLATION INHIBITORS AS THERAPEUTICS FOR STROKE

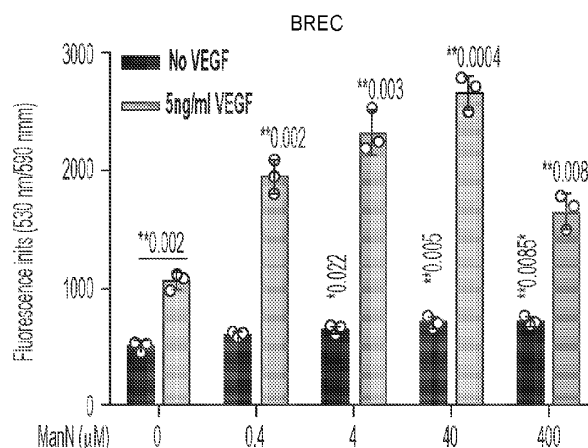


FIG. 1C

(57) Abstract: Pharmaceutical compositions for treating an ischemic condition in a subject may include inhibitors of protein glycosylation. Methods may include administering to the subject in need thereof an effective amount an inhibitor of protein glycosylation. The administration may be effective to promote endothelial cell proliferation and angiogenesis in the subject. The subject may be in need of induced angiogenesis due to an ischemic condition caused by a stroke. Pharmaceutical compositions for inhibiting protein glycosylation in a cell may include ManN. Methods for inhibiting protein glycosylation in a cell may include administering to a cell an effective amount of ManN.

[Continued on next page]

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