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(54) Title: MODULATION OF NITRIC OXIDE PRODUCTION

(57) Abstract

A method of treating cells that carry at least one *APOE4* allele comprises increasing nitric oxide levels in the cells (e.g., by administering an exogenous source of nitric oxide to the cells) by an amount sufficient to combat the decrease of nitric oxide level associated with the presence of the *APOE4* allele. Also disclosed is a method of increasing nitric oxide levels in cells in need thereof which comprises administering APOE to the cells in an amount sufficient to increase nitric oxide levels in the cells.