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(71) Applicants *(for all designated States except US)*: THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK [US/US]; West 116th Street and Broadway, New York, NY 10027 (US). BIOGEN, INCORPORATED [US/US]; 14 Cambridge Center, Cambridge, MA 02142 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: YELLIN, Michael, J. [US/US]; 2736 Independence Avenue, Riverdale, NY 10463 (US). LEDERMAN, Seth [US/US]; 143 East 95th Street, New York, NY 10128 (US). CHESS, Leonard [US/US]; 81 Green Acres Avenue, Scarsdale, NY 10538 (US). KARPUSAS, Mihail, N. [GR/US]; 175 Poplar Street #2, Roslindale, MA 02131 (US). THOMAS, David, W. [US/US]; 9 Upland Road, Wellesley, MA 02181 (US).

(74) Agent: WHITE, John, P.; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).

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(57) Abstract

Activation by CD40 ligand (CD40L) of smooth muscle cells bearing CD40 on the surface of the cells is inhibited in vivo and ex vivo by contacting the cells with an agent capable of inhibiting interaction between CD40L and CD40 on the cells. In vivo inhibition of CD40-bearing smooth muscle cells is used to treat smooth muscle cell-dependent diseases.