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(71) Applicant (for all designated States except US): **GARNET BIOTHERAPEUTICS, INC** [US/US]; 1 Great Valley Parkway, Suite 12, Malvern, PA 19355 (US).

(72) Inventors; and

(71) Applicants : **RAGAGLIA, Vanessa** [US/US]; 123 Spring Tree Drive, Newton Square, PA 19073 (US).
BRAYFIELD, Candace [US/US]; 13 Duncannon Avenue, Apt. 6, Worcester, MA 01604 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **KOPEN, Gene** [US/US]; c/o Garnet Biotherapeutics, Inc., 1 Great Valley Parkway, Suite 12, Malvern, PA 19355 (US).

(74) Agents: **GOLDSTEIN, Jorge, A.** et al.; Sterne, Kessler, Goldstein & Fox PLLC, 1100 New York Avenue NW, Washington, DC 20005-3934 (US).

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(54) Title: COMPOSITIONS AND METHODS OF USING LIVING AND NON-LIVING BIOACTIVE DEVICES WITH COMPONENTS DERIVED FROM SELF-RENEWING COLONY FORMING CELLS CULTURED AND EXPANDED *IN VITRO*

(57) Abstract: The invention relates to methods and uses of cells for the prevention and treatment of a wide variety of diseases and disorders and the repair and regeneration of tissues and organs using low passage and extensively passaged *in vitro* cultured, self-renewing, colony forming somatic cells (CF-SC). For example, adult bone marrow-derived somatic cells (ABM-SC), or compositions produced by such cells, are useful alone or in combination with other components for treating, for example, cardiovascular, neurological, integumentary, dermatological, periodontal, and immune mediated diseases, disorders, pathologies, and injuries.



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