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(71) Applicant *(for all designated States except US)*: **WYETH** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **LUAN, Yen-Tung** [US/US]; 3 Armand Drive, Chelmsford, MA 01824 (US). **WANG, Wenge** [CN/US]; 1 Hollow Ridge Road, North Chelmsford, MA 01863 (US). **THODAY, Paul** [US/US]; 4 Carriage Way, Sterling, MA 01564 (US). **DRAPEAU, Denis** [US/US]; 55 Old Farm Road, Salem, NH 03079 (US). **CHOU, Judy** [—/US]; 251 Wood Street, Lexington, MA 02421 (US).

(74) Agents: **LUITJENS, Cameron, M.** et al.; Choate, Hall & Stewart, Two International Place, Boston, MA 02110 (US).

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(54) Title: METHODS OF PROTEIN PRODUCTION USING ANTI-SENESCENCE COMPOUNDS

(57) Abstract: Methods of producing a protein in cell culture comprising an anti-senescence compound, such as the antioxidant carnosine, are provided. According to teachings of the present invention, cells grown in a cell culture medium comprising an anti-senescence compound exhibit increased viability and productivity. Furthermore, cell cultures grown in the presence of an anti-senescence compound exhibit decreased levels of high molecular weight aggregates in the cell culture medium.

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