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(71) Applicant (for all designated States except US): **NU SKIN INTERNATIONAL, INC.** [US/US]; One Nu Skin Plaza, 75 West Center Street, Provo, UT 84601 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KERN, Dale** [US/US]; 431 North Enterprise Pointe, Hyde Park, UT 84318 (US). **MEADOWS, Christiaan** [US/US]; 410 1/2 North 13th Street, Lafayette, IN 47904 (US).

(74) Agents: **BROWN, Ronald, J.** et al.; Dorsey & Whitney LLP, Suite 1500, 50 South Sixth Street, Minneapolis, MN 55402-1498 (US).

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(54) Title: COMPOSITIONS COMPRISING ANRNOX-INHIBITORS FOR THE INHIBITION OF REACTIVE OXYGEN SPECIES

(57) Abstract: The invention relates to agents for sequestering serum aging factors, and methods for using the same. More particularly, the invention relates to agents termed herein 'Naractin' to denote any one of several naturally-occurring arNOX inhibitors either present in N. tazetta powder or capable of augmenting N. tazetta powder to an inhibitory level comparable to that of the fresh N. tazetta extracts, and to methods for using 'Naractins' to prevent or treat disorders and complications of disorders resulting from cell damage caused by an aging-related isoform of NADH oxidase (arNOX). In one exemplary embodiment the agents of the invention comprise at least one naturally occurring Naractin. Such naturally occurring naractins are also capable of augmenting the anti-arNOX effect of other naturally occurring arNOX inhibitory agents.



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