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(71) Applicant (for all designated States except US): **DESERT LAKE TECHNOLOGIES** [US/US]; P.o. Box 489, Klamath Falls, OR 97601 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **JENSEN, Gitte, S.** [DK/CA]; 12 Denby Road, Port Dover, ON N0A 1N4 (CA). **DRAPEAU, Christian** [CA/US]; 1800 Dead Indian Memorial Road, Ashland, OR 97520 (US).

(74) Agent: **SIEGEL, Susan, Alpert; KLARQUIST SPARKMAN, LLP, ONE WORLD TRADE CENTER, SUITE 1600, 121 Sw Salmon Street, Portland, OR 97204 (US).**

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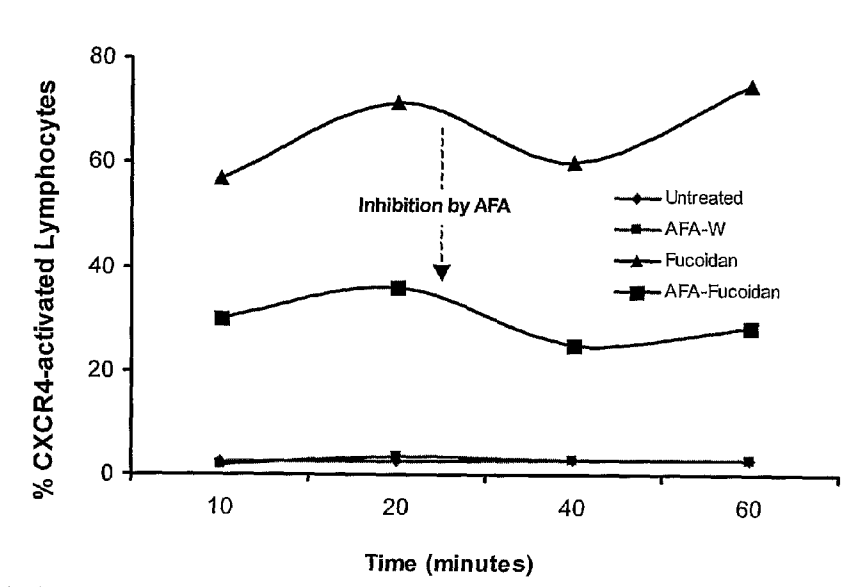
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(54) Title: PURIFIED COMPONENT OF BLUE-GREEN ALGAE AND METHOD OF USE



(57) Abstract: Disclosed herein are extracts of blue green algae, such as Aphanizomenon flos aquae, that are enriched for a selectin ligand, such as an L-selectin ligand. Selectin ligands isolated from blue-green algae cells are disclosed herein. Methods are described for isolating these selectin ligands. The purified selectin ligands are of use in inducing stem cell mobilization in a subject. Thus, methods for inducing stem cell isolation that include administering a therapeutically effective amount of the extract enriched form the selectin ligand, or an isolated selectin ligand, are disclosed herein.



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