



US 20110104297A1

(19) **United States**

(12) **Patent Application Publication**
BRUHEIM et al.

(10) **Pub. No.: US 2011/0104297 A1**

(43) **Pub. Date: May 5, 2011**

(54) **METHODS OF USING KRILL OIL TO TREAT RISK FACTORS FOR CARDIOVASCULAR, METABOLIC, AND INFLAMMATORY DISORDERS**

61/024,072, filed on Jan. 28, 2008, provisional application No. 61/181,743, filed on May 28, 2009, provisional application No. 60/920,483, filed on Mar. 28, 2007.

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Publication Classification

(51) **Int. Cl.**
A61K 35/56 (2006.01)
A61P 9/10 (2006.01)
A61P 3/04 (2006.01)
A61P 3/00 (2006.01)

(52) **U.S. Cl.** **424/522; 426/2**

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(57) **ABSTRACT**

This invention discloses methods of using krill oil and compositions comprising krill oil to treat risk factors for metabolic, cardiovascular, and inflammatory disorders. The present invention also relates to methods of using compositions comprising krill oil to modulate biological processes selected from the group consisting of glucose metabolism, lipid biosynthesis, fatty acid metabolism, cholesterol biosynthesis, and the mitochondrial respiratory chain. The present invention further includes pharmaceutical and/or nutraceutical formulations made from krill oil, methods of making such formulations, and methods of administering them to treat risk factors for metabolic, cardiovascular, and inflammatory disorders.

(21) Appl. No.: **12/790,575**

(22) Filed: **May 28, 2010**

Related U.S. Application Data

(63) Continuation-in-part of application No. 12/057,775, filed on Mar. 28, 2008.

(60) Provisional application No. 60/975,058, filed on Sep. 25, 2007, provisional application No. 60/983,446, filed on Oct. 29, 2007, provisional application No.

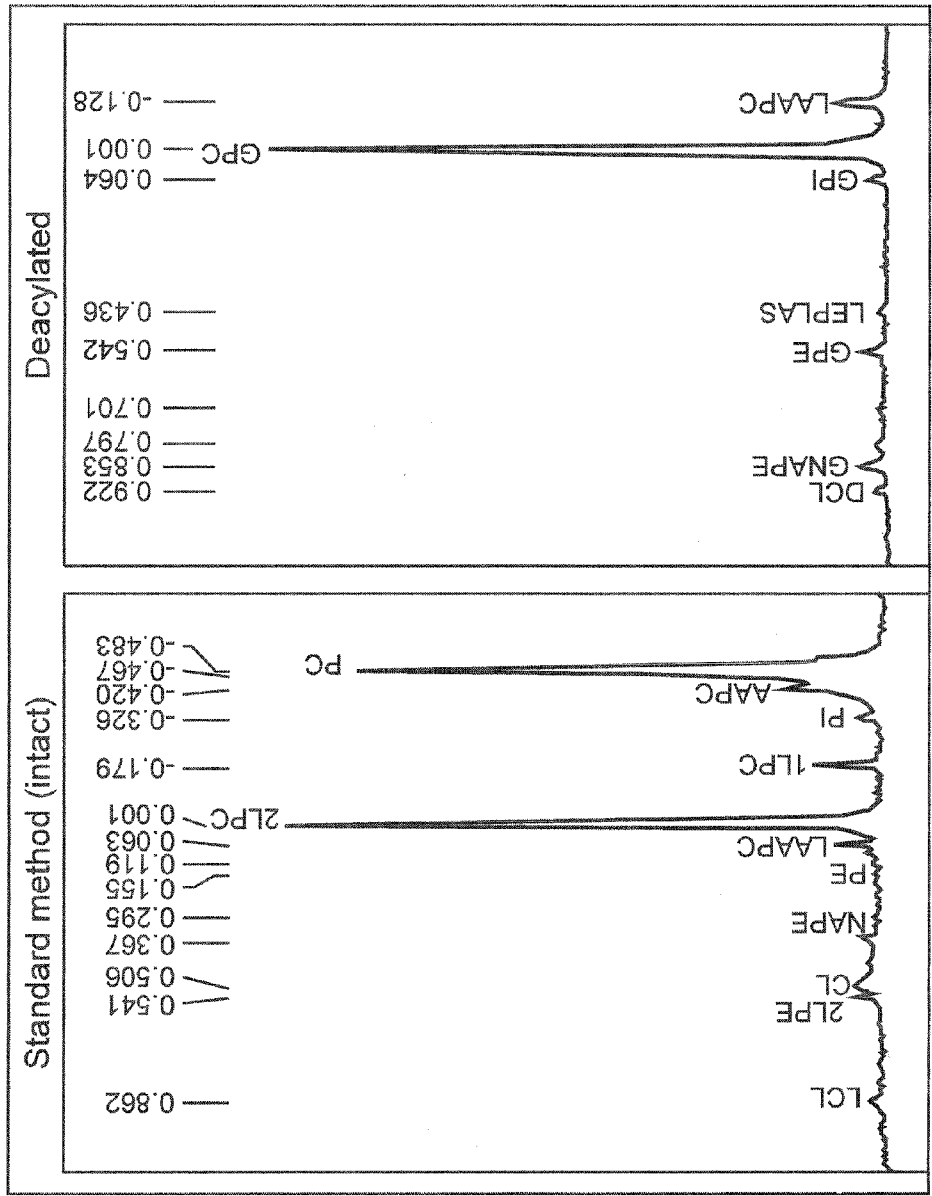


FIGURE 1

FIGURE 2

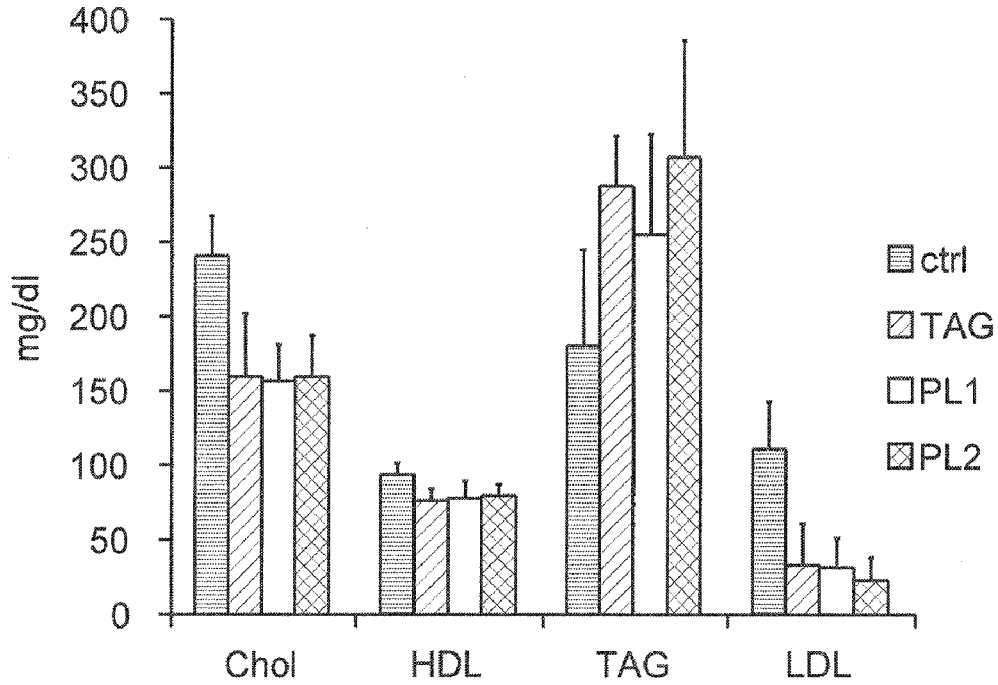


FIGURE 3

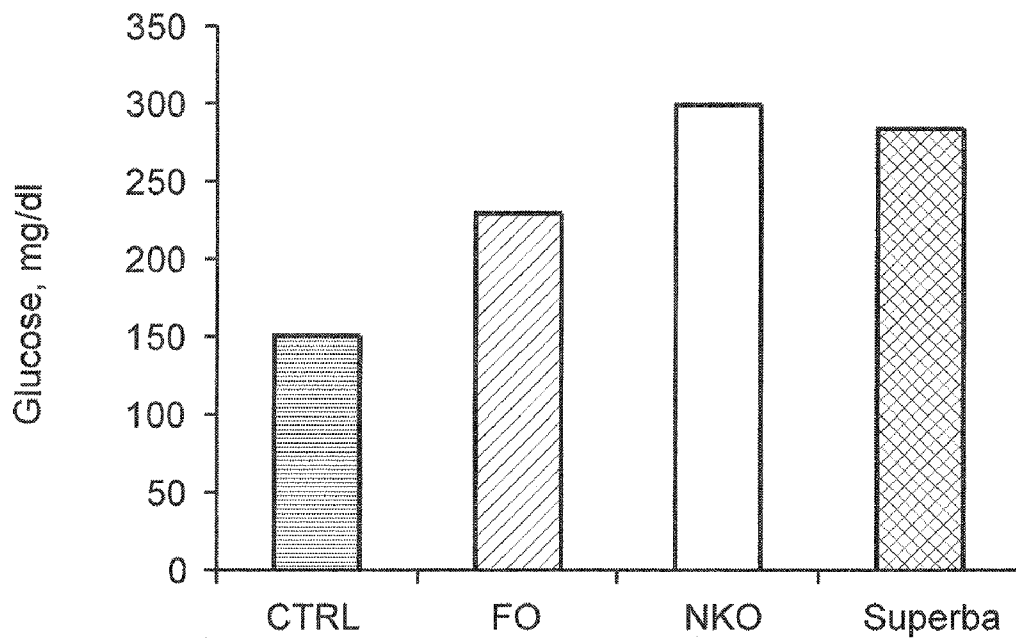


FIGURE 4

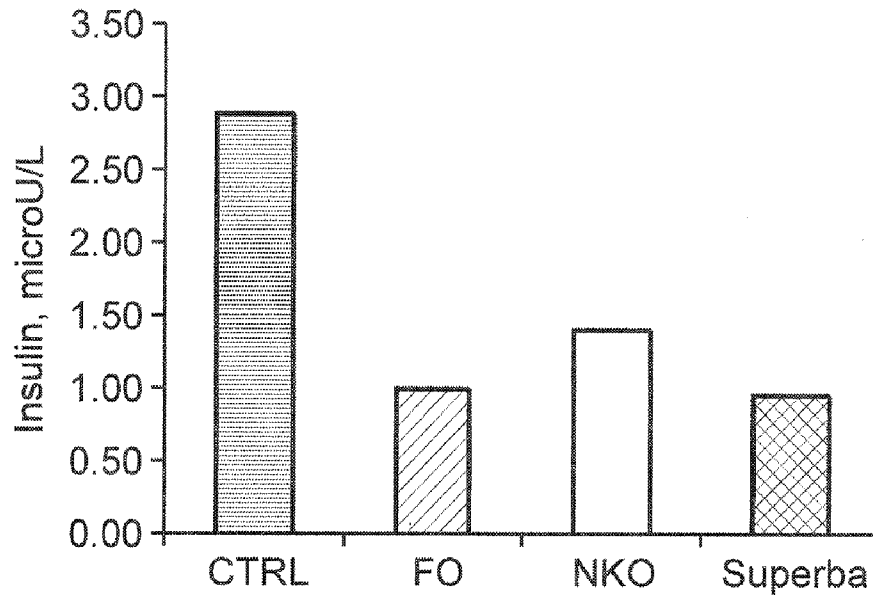


FIGURE 5

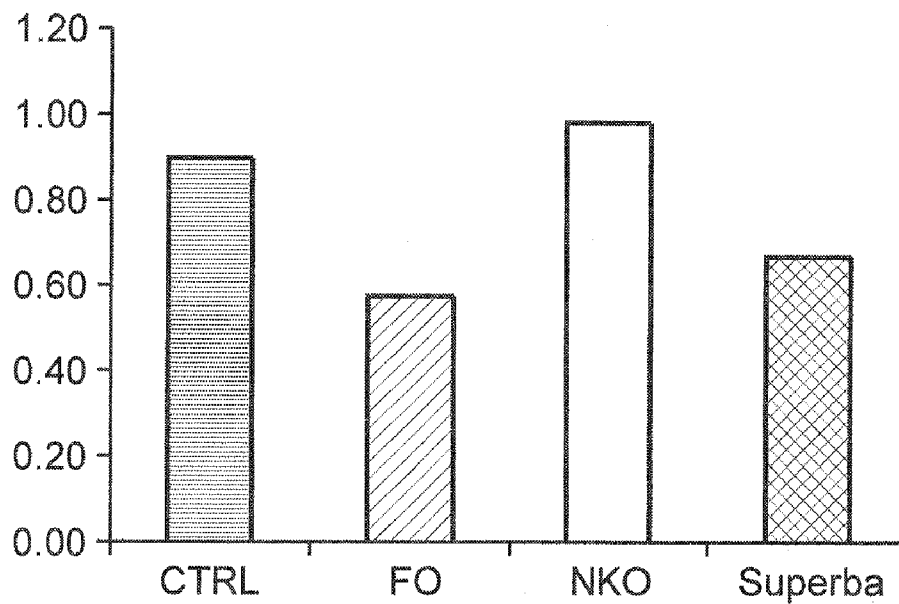


FIGURE 6

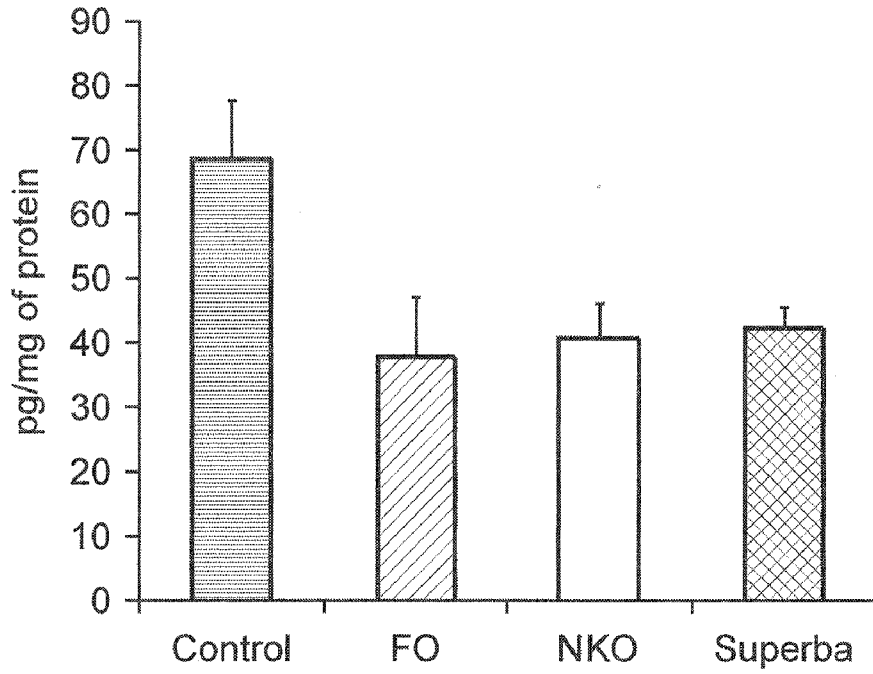
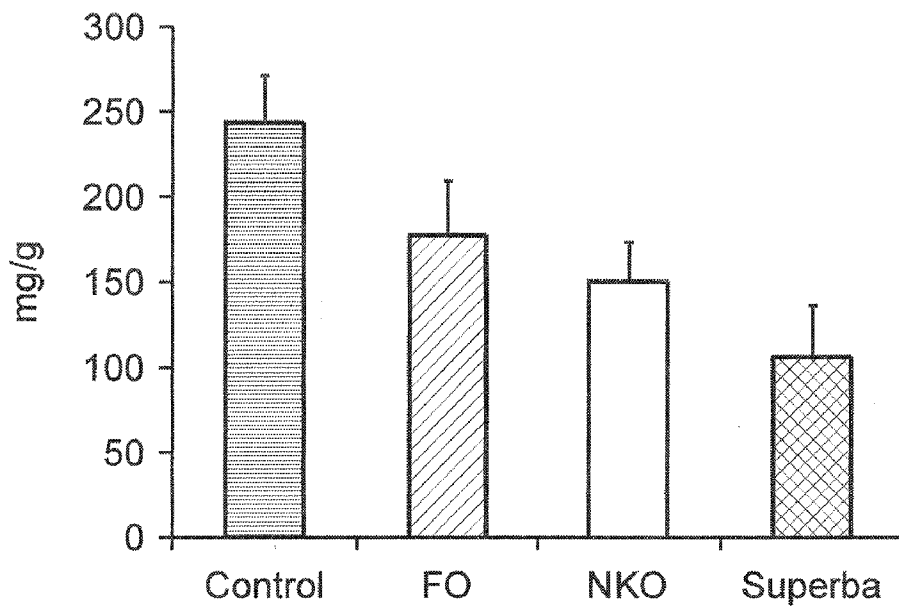


FIGURE 7



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