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(54) **Title:** COMPOSITION COMPRISING HOMOGENEOUS POLYSACCHARIDE OR DERIVATIVE THEREOF AND METHOD OF USING THE SAME TO PREVENT AND/OR TREAT BONE LOSS

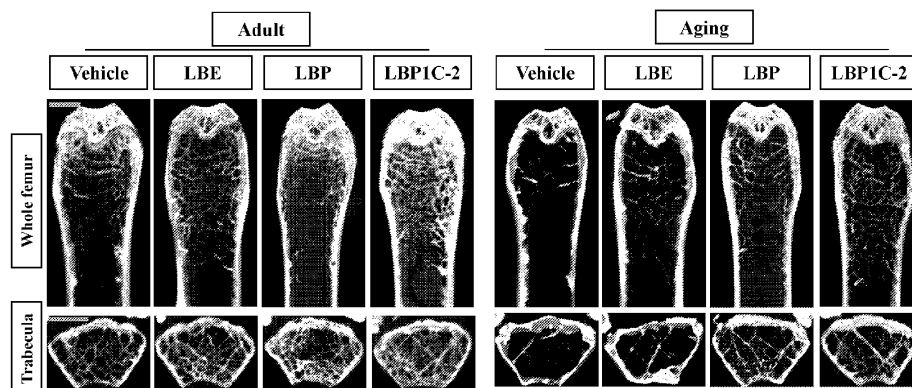


FIG. 1

(57) **Abstract:** A composition and a method are provided for improving formation, mass and/or strength of bones, and/or treating or preventing bone loss such as age-related bone loss in a subject in need thereof. Such a composition comprising a homogenous polysaccharide, or a pharmaceutically acceptable ester or salt thereof, or a pharmaceutically acceptable solvate thereof, or any combination thereof, and a pharmaceutically acceptable excipient. The homogeneous polysaccharide consists essentially of arabinose, galactose, rhamnose, and galacturonic acid as monomer units. Such a method comprises administrating an effective amount of such a composition into a subject in need thereof.

[Continued on next page]

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