Claims

1. A pharmaceutical composition for increasing wound healing in an individual, comprising a therapeutically active fragment of the angiopoietin like 4 protein (ANGPTL4) consisting of the amino acid sequence set forth in SEQ ID NO: 2; and a pharmaceutically acceptable carrier;
wherein the individual is a mammal;
wherein the pharmaceutically acceptable carrier is selected from the group consisting of vegetable oil, mineral oil, white petrolatum, ethariol, glycerol, propylene glycol, polyethylene glycol, essential oils, polyol, aluminum monostearate, gelatin, carboxyl methylcellulose, poly(glycolic acid), poly(lactic acid), poly(caprolactone), poly(lactic-co-glycolic acid), poly(trimethylene carbonate), poly(propylene glycol), polyquaternium, xanthan gum, succinoglycan, and combinations thereof.

2. The pharmaceutical composition of claim 1, further comprising a further wound treatment agent.

3. A pharmaceutical composition for increasing wound healing in an individual, comprising a therapeutically effective amount of an angiopoietin like 4 protein (ANGPTL4) consisting of the amino acid sequence set forth in SEQ ID NO:2; and a pharmaceutically acceptable carrier;
wherein the individual is a mammal;
wherein the ANGPTL4 comprises a modification selected from the group consisting of glycosylation, acetylation, phosphorylation, carboxylation, ubiquitination, radiolabeling, and combinations thereof.

4. The pharmaceutical composition of claim 3, wherein the carrier is carboxyl methylcellulose.

5. The pharmaceutical composition of claim 3, further comprising a further wound treatment agent.

6. The pharmaceutical composition of claim 1 or 3, wherein the individual is a diabetic individual.