CLAIMS

We claim:

1. A porcine scaffold comprising:

decellularized, porcine placental extracellular matrix,

wherein the porcine scaffold comprises at least one cytokine present in an amount different from native porcine placental membrane.

2. The porcine scaffold of claim 1, wherein the at least one cytokine is decorin present in an amount of at least about 70 pg/mg.

3. The porcine scaffold of claim 1, wherein the at least one cytokine is MIF present in an amount of less than about 50 pg/mg.

4. The porcine scaffold of claim 1, wherein the at least one cytokine is PDGF-BB present in an amount of at least about 75 pg/mg.

5. The porcine scaffold of claim 1, wherein the at least one cytokine is TIMP-2 present in an amount of less than about 175 pg/mg.

6. The porcine scaffold of claim 1, wherein the at least one cytokine is VEGF present in an amount of at least about 3 pg/mg.

7. The porcine scaffold of claim 1, wherein the at least one cytokine is PIGF-2 present in an amount of less than about 30 pg/mg.

8. The porcine scaffold of claim 1, wherein the at least one cytokine is TGF-β1 in an amount of at least about 82 pg/mg.

9. The porcine scaffold of claim 1, wherein the at least one cytokine is IGF-2 in an amount of at least about 7 pg/mg.

10. The porcine scaffold of claim 1, wherein the dehydrated porcine placental membrane is treated with a bioburden reduction step, a detergent rinse step, and a viral inactivation step.

11. A porcine scaffold comprising:

decellularized, porcine placental extracellular matrix,

wherein the porcine scaffold comprises at least one cytokine for increasing vessel formation at a wound site.

12. The porcine scaffold of claim 11, wherein the at least one cytokine is decorin present in an amount of at least about 70 pg/mg.

13. The porcine scaffold of claim 11, wherein the at least one cytokine is VEGF present in an amount of at least about 3 pg/mg.

14. The porcine scaffold of claim 11, wherein the at least one cytokine is PIGF-2 present in an amount of less than about 30 pg/mg.

15. A porcine scaffold comprising:

decellularized, porcine placental extracellular matrix,

wherein the porcine scaffold comprises at least one cytokine to regulate cell growth and division.

16. The porcine scaffold of claim 15, wherein the at least one cytokine is PDGF-BB present in an amount of at least about 75 pg/mg.

17. The porcine scaffold of claim 15, wherein the at least one cytokine is TGF-β1 in an amount of at least about 82 pg/mg.

18. The porcine scaffold of claim 15, wherein the at least one cytokine is IGF-2 in an amount of at least about 7 pg/mg.

19. A porcine scaffold comprising:

decellularized, porcine placental extracellular matrix,

wherein the porcine scaffold comprises at least one cytokine that inhibits matrix metalloproteinase activity.

20. The porcine scaffold of claim 19, wherein the cytokine is TIMP-2 present in an amount of less than about 175 pg/mg.

21. A porcine scaffold comprising:

decellularized, porcine placental extracellular matrix,

wherein the porcine scaffold comprises at least one cytokine for inflammatory modulation.

22. The porcine scaffold of claim 21, wherein the cytokine is MIF present in an amount of less than about 50 pg/mg.

23. A porcine scaffold comprising:

decellularized, porcine placental extracellular matrix,

wherein the porcine scaffold comprises at least one cytokine for stimulating collagen production.

24. The porcine scaffold of claim 23, wherein the cytokine is PIGF-2 present in an amount of less than about 30 pg/mg.

25. ~~A method of treating a defect, the method comprising the step of:~~

~~administering~~Use of a porcine scaffold as provided in any one of claims 1-24 ~~to a~~in the manufacture of a medicament for the treatment of a defect, whererin the medicament is to be administered to the defect.

26. The ~~method~~use of claim 25, wherein the defect is selected from a partial thickness wound, full thickness wound, pressure ulcer, venous ulcer, diabetic ulcer, chronic vascular ulcer, tunneled or undermined wound, surgical wound, wound dehiscence, abrasion, laceration, second degree burn, skin tear, and draining wound.

27. A wound dressing comprising a porcine scaffold as in any one of claims 1-24.

28. The wound dressing of claim 27, wherein the porcine scaffold includes a surface defining one or more fenestrations.

29. A porcine scaffold as provided in any one of claims 1-24 for use in therapy.