CLAIMS

1. A tissue graft product comprising a plurality of layers of extracellular matrix laminated together, wherein the extracellular matrix is derived from a decellularized amniotic membrane, and wherein the stromal side of an extracellular matrix layer is presented on both the upper and lower surfaces of the tissue graft product.

2. The tissue graft product of claim 1, wherein the product comprises three or more layers of extracellular matrix.

3. The tissue graft product of claims 1 or 2, wherein the plurality of layers of extracellular matrix are laminated together by drying.

4. The tissue graft product of any one of claims 1 - 3, wherein the tissue graft product is dehydrated.

5. The tissue graft product of any of claims 1 - 4, wherein the tissue graft product: (a) is dehydrated; (b) comprises less than about 20% water by dry weight; (c) comprises less than about 15% water by dry weight; or (d) comprises about 10% water by dry weight.

6. The tissue graft product of any one of claims 1 - 5, wherein the tissue graft product comprises: (a) about 40% to about 70% total collagen by dry weight; (b) about 45% to about 60% total collagen by dry weight; or (c) about 50% to about 55% total collagen by dry weight.

7. The tissue graft product of claim 6, wherein the collagen is primarily collagen type I and collagen type III.

8. The tissue graft product of any one of claims 1 - 5 and 7, wherein the tissue graft product comprises: (a) about 8% to about 24% elastin by dry weight; (b) about 12% to about 20% elastin by dry weight; or (c) about 15% to about 20% elastin by dry weight.

9. The tissue graft product of any one of claims 1 - 5, 7 and 8, wherein the tissue graft product comprises: (a) less than about 1% glycosaminoglycan by dry weight; or (b) less than about 0.5% glycosaminoglycan by dry weight.

10. The tissue graft product of any one of claims 1 – 5 and 7 - 9, wherein the tissue graft product comprises: (a) less than about 1% fibronectin by dry weight; or less than about 0.5% fibronectin by dry weight.

11. The tissue graft product of any one of claims 1 – 5 and 7 -10, wherein the tissue graft product comprises: (a) less than about 1% laminin by dry weight; (b) less than about 0.5% laminin by dry weight.

12. The tissue graft product of any one of claims 1 - 5 and 7 - 11, wherein the decellularized amniotic membrane is a human decellularized amniotic membrane.

13. An ocular tissue graft comprising the tissue graft product of any one of claims 1 - 5 and 7 - 12.

14. The ocular tissue graft of claim 13, wherein the ocular tissue graft is approximately circular.

15. The ocular tissue graft of claim 13 or 14, wherein the ocular tissue graft comprises a curved portion in the shape of a portion of a sphere.

16. The ocular tissue graft of claim 15, where the shape of a portion of a sphere is imparted by drying the tissue graft product onto a mold.

17. The use of the tissue graft product of any of Claims 1 - 5 and 7 - 16 to treat a disease or injury of an eye of a subject, wherein the tissue graft product is contacted with the eye of the subject.

18. The use of the tissue graft product of claim 17, wherein the injury of the eye comprises: (a) an abrasion; (b) a chemical exposure; (c) a cut or laceration; (d) a disease or injury of the cornea; or (e) any combination of (a)-(d).

19. The use of the tissue graft product of Claim 17 or 18, wherein the subject is a human.