CLAIMS

1. A composition comprising an agaroid structure comprising essentially solid agaroid having a plurality of interconnected pores and one or more beneficial agents, wherein the one or more beneficial agents are selected from the group consisting of: hyaluronic acid, collagen, and hydroxyapatite, wherein the one or more beneficial agents are dispersed in the pores of the agaroid structure.

2. The composition of claim 1, wherein the agaroid structure is formed by precipitation from a glycol solution.

3. The composition of claim 2, wherein the agaroid structure is insoluble in water below 40°C.

4. The composition of claim 2, wherein the agaroid is combined with one or more pore forming agents during the precipitation of the agaroid from the glycol solution.

5. The composition of claim 4, wherein the one or more pore forming agents are insoluble in glycol and soluble in water.

6. The composition of claim 2, wherein the one or more beneficial agents are incorporated into the agaroid structure during the precipitation of the agaroid from the glycol solution.

7. The composition of claim 1, wherein the agaroid structure is in the form of an agaroid matrix.

8. The composition of claim 1, wherein the agaroid structure is in the form of a sintered agaroid.

9. The composition of claim 1, wherein the agaroid structure is in the form of an agaroid mat.

10. The composition of claim 1, wherein the agaroid structure comprises a chemically crosslinked agaroid.

11. The composition of claim 1, wherein the agaroid structure comprises a derivatized agaroid.

12. The composition of claim 1, wherein the agaroid structure comprises an agaroid coupled with one or more ligands.

13. The composition of claim 1, wherein the agaroid structure is dried.

14. Use of a composition comprising an agaroid structure comprising essentially solid agaroid having a plurality of interconnected pores in the manufacture of a medicament for the treatment of a wound or skin injury, wherein the composition is to be applied by contacting an area of a mammalian body with the composition, wherein the

composition further comprises one or more beneficial agents, and the one or more beneficial agents are dispersed in the pores of the agaroid structure.

15. The use of claim 14, wherein the one or more beneficial agents are selected from the group consisting of: imaging contrast agents, radiopaque agents, pigmentation agents and anti-pigmentation agents.

16. The use of claim 14, wherein the composition further comprises a therapeutic agent selected from the group consisting of: antimicrobial agents, coagulation agents, analgesics, and anesthetics.

17. The use of claim 14, wherein the composition is incorporated into or deposited on a bandage or compress.

18. The use of claim 14 wherein contacting an area of the mammalian body includes:

    combining the composition with a bone supplement to form an agaroid structure-bone supplement composition; and

    contacting a bone void or bone graft site with the agaroid structure-bone supplement composition.

19. The use of claim 14, wherein the composition further includes an active pharmaceutical.

20. The use of claim 14, wherein contacting an area of the mammalian body comprises implanting the composition into the mammalian body.

21. The use of claim 20, wherein the composition implanted into the mammalian body creates a drug depot.

22. The use of claim 20, wherein contacting an area of the mammalian body comprises filling or bulking soft tissue of the mammalian body with the composition.

23. The use of claim 20, wherein contacting an area of a mammalian body with the composition creates a bolus.

24. The use of claim 14, wherein contacting an area of the mammalian body with the composition provides a scaffold for tissue regeneration.

25. The use of claim 24, wherein the tissue is soft tissue.

26. The use of claim 24, wherein the tissue is bone.

27. The use of claim 24, wherein the tissue is neural tissue.