WHAT IS CLAIMED IS:

1. A composition comprising:

uniform, rigid, spherical, nanoporous calcium phosphate ~~particle~~particles comprising a porous structure that defines an internal space; and

an amount of active agent that is no more than sparingly soluble in water present in the internal space.

~~2. The uniform, rigid, spherical, nanoporous calcium phosphate particle according to Claim 1~~, wherein the amount of active agent present in the ~~interna~~internal space is 10 % by weight or more of the calcium phosphate particle.

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2. The ~~uniform, rigid, spherical, nanoporous calcium phosphate particle~~composition according to ~~Claim~~ claim 1, wherein the uniform, rigid, spherical, nanoporous calcium phosphate particle is ceramic.

~~4. The uniform, rigid, spherical, nanoporous calcium phosphate particle according to Claim 1, wherein the uniform, rigid, spherical, nanoporous calcium phosphate particle is dimensioned to penetrate human skin.~~

~~5. The uniform, rigid, spherical, nanoporous calcium phosphate particle according to Claim 4, wherein the uniform, rigid, spherical, nanoporous calcium phosphate particle has a diameter ranging from 1 to 10 μm.~~

~~6. The uniform, rigid, spherical, nanoporous calcium phosphate particle according to Claim 5, wherein the uniform, rigid, spherical, nanoporous calcium phosphate particle has a diameter of 2 μm or less.~~

3. The composition according to claim

~~7. The uniform, rigid, spherical, nanoporous calcium phosphate particle according to Claim~~ 1, wherein the uniform, rigid, spherical, nanoporous calcium phosphate particle comprises pores ranging in size from 2 nm to 100 nm.

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4. The ~~uniform, rigid, spherical, nanoporous calcium phosphate particle~~ composition according to ~~Claim~~ claim 1, wherein the active agent is ~~no more than sparingly soluble in water~~a retinol.

~~9.~~

5. The ~~uniform, rigid, spherical, nanoporous calcium phosphate particle~~composition according to ~~Claim~~ claim 1, wherein the ~~uniform, rigid, spherical, nanoporous calcium phosphate~~ particle is coated with a material different from the active agent.

6. The composition according to claim 1, wherein the active agent is a resveratrol active agent.

7. The ~~10. A composition comprising~~composition according to claim 1, wherein 60% or more of the particles have a diameters ranging from 0.1 to 2 μm.

8. The composition according to claim 1, wherein the composition consists of:

the uniform, rigid, spherical, nanoporous calcium phosphate particles comprising a porous structure that defines an internal space ~~and an amount of active agent present in the internal space.~~; and

~~11. The composition according to Claim 9, wherein~~ the ~~composition~~amount of active agent that is ~~a liquid and comprises the uniform, rigid, spherical, nanoporous calcium phosphate particles~~no more than sparingly soluble in water present in ~~a non-aqueous solvent.~~

~~12. The composition according to Claim 9~~the internal space, wherein the ~~composition~~amount of active agent present in the internal space is ~~a dry powder~~10% by weight or more of the calcium phosphate particle.

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9. A ~~topical~~ composition comprising:

uniform, rigid, spherical, nanoporous calcium phosphate particles comprising a porous structure that defines an internal space and an amount of active agent ~~present in the internal space; and~~ that is no more than sparingly soluble in water present in the internal space, wherein the amount of active agent present in the internal space is 10% by weight or more of the calcium phosphate particle and the particles are prepared by the method comprising:

~~a topical delivery vehicle.~~

~~14. The topical composition according to Claim 1, wherein the topical delivery vehicle is an aqueous topical delivery vehicle.~~

~~15. A method comprising:~~

(a) combining:

——uniform, rigid, spherical, nanoporous calcium phosphate particles comprising a porous structure that defines an internal space; and

an active agent;

in the presence of a non-aqueous solvent under conditions sufficient for the active agent to enter internal space of the uniform, rigid, spherical, nanoporous calcium phosphate particles to produce active agent loaded uniform, rigid, spherical, nanoporous calcium phosphate particles; and

(b) separating the non-aqueous solvent from the active agent loaded uniform, rigid, spherical, nanoporous calcium phosphate particles.

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10. The ~~method~~composition according to ~~Claim 15~~ claim 9, wherein the method comprises pre-wetting the uniform, rigid, spherical, nanoporous calcium phosphate particles with a non-aqueous solvent to remove gas present inside of the uniform, rigid, spherical, nanoporous calcium phosphate particles.

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11. The ~~method~~composition according to ~~Claim 15~~ claim 9, wherein the uniform, rigid, spherical, nanoporous calcium phosphate particles and active agent are combined in the presence of the non-aqueous solvent under pressure.

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12. The ~~method~~composition according to ~~Claim 15~~ claim 9, wherein the non-aqueous solvent is an organic solvent.

~~19~~

13. The ~~method~~composition according to ~~Claim 18~~ claim 9, wherein the organic solvent comprises an organic co-solvent.

~~20~~

14. The ~~method~~composition according to ~~Claim 15~~ claim 9, wherein the non-aqueous solvent is separated from the active agent loaded uniform, rigid, spherical, nanoporous calcium phosphate particles by evaporating the non-aqueous solvent.

~~21~~15. The ~~method~~composition according to ~~Claim 20~~ claim 14, wherein the evaporating occurs under negative pressure.

~~22. A composition of uniform, rigid, spherical, nanoporous calcium phosphate particles produced~~

16. The composition according to claim 9, wherein the ~~method of Claim 15.~~

~~23. A method of delivering an~~ active agent ~~to a subject, the method comprising:~~

~~applying a topical composition comprising:~~

~~(a) uniform, rigid, spherical, nanoporous calcium phosphate particles comprising a porous structure that defines an internal space and an amount of the~~is a retinol active agent ~~present in the internal space; and~~

~~(b) a topical delivery vehicle;~~

~~to a topical region of the subject to deliver the active agent to the subject.~~

~~24. The method according to Claim 23, wherein the topical location is a keratinized skin surface.~~

~~25. The method according to Claim 23, wherein the topical location is a mucosal location~~.