CLAIMS

What is claimed is:

1. A composition for use in treating myopia in an eye of a subject in need thereof, comprising a copper-containing agent selected from: copper perchlorate, copper perbromate, copper periodate, and copper permanganate.

2. The composition of claim 1, wherein the copper-containing agent is copper perchlorate.

3. The composition of claim 1 or claim 2, wherein the composition comprises from about 0.001 wt% to about 0.1 wt% of the copper-containing agent.

4. The composition of any preceding claim, wherein the composition comprises from about 0.005 wt% to about 0.05 wt% of the copper-containing agent.

5. The composition of any preceding claim, wherein the composition comprises from about 0.01 mg/mL to about 1.0 mg/mL of the copper-containing agent.

6. The compositionof any preceding claim, wherein the composition comprises from about 0.05 mg/mL to about 0.5 mg/mL of the copper-containing agent.

7. The composition of any preceding claim, wherein the composition comprises from about 0.05 mg/mL to about 0.25 mg/mL of the copper-containing agent.

8. The composition of any preceding claim, wherein the composition further comprises an excipient selected from: a tonicity agent, a solubilizing agent, a thickener, a polymer, a buffer, a pH adjuster, a preservative, and water.

9. The composition of any preceding claim, wherein the composition does not comprise an additional active ingredient.

10. The composition of any preceding claim, wherein the composition has a tonicity of from about 200 mOsm/kg to about 600 mOsm/kg.

11. The composition of any preceding claim, wherein the composition has a pH of from about 5.0 to about 7.8.

12. The composition of any preceding claim, wherein the composition is administered topically.

13. The composition of any preceding claim, wherein the composition is an ophthalmic composition.

14. The composition of any preceding claim, wherein the composition is an ointment, gel, thin film or eye drop composition.

15. The composition of any one of claims 1-13, wherein the composition is a sustained delivery or depot matrix.

16. The composition of claim 15, wherein the composition is placed in a cul-de-sac, conjunctiva, subconjunctiva, tenon's capsule or sub-tenon's space, or is placed periorbitally.

17. The composition of any preceding claim, wherein the composition is delivered by air-gun delivery or ballistic air delivery.

18. The composition of any preceding claim, wherein the composition is administered at least once per week per eye in need thereof.

19. The composition of claim 18, wherein the composition is administered at least once per day per eye in need thereof.

20. The composition of claim 19, wherein the composition is administered at from 1 to 4 time points per day per eye in need thereof.

21. The composition of claim 19, wherein from about 5 μl to about 100 μl of the composition is administered at each time point.

22. The composition of any preceding claim, wherein the composition is administered for a treatment period of at least about 1 week.

23. The composition of any preceding claim, wherein the composition is administered for a treatment period of at least about 6 weeks.

24. The composition of any preceding claim, wherein the composition is administered for a treatment period of at least about 6 months.

25. The composition of any preceding claim, wherein the myopia is progressive myopia.

26. The composition of any preceding claim, wherein the myopia is non-progressive myopia.

27. The composition of any preceding claim, wherein the subject is a human having an age of at least about 3 years.

28. The composition of any preceding claim, wherein the subject is a human having an age of from about 3 years to about 25 years.

29. The composition of any preceding claim, wherein the subject is a human having an age of at least about 25 years.

30. Use of a copper-containing agent selected from: copper perchlorate, copper perbromate, copper periodate, and copper permanganate in the manufacture of a medicament for treatment of myopia in a subject in need thereof.