glycated chitosan, further wherein the aqueous solution has a viscosity from about one centistokes to approximately one hundred centistokes.

8. The viscoelastic glycated chitosan formulation of claim 1, comprising at least about one percent by weight of the glycated chitosan polymer dispersed in an aqueous solution, wherein the glycated chitosan polymer possesses about five percent glycation of its otherwise free amino groups, and further wherein the aqueous solution has a viscosity suitable for ease of injectability and administration to a subject.

9. ~~A method of treating cancer, comprising administering~~ Use of the viscoelastic glycated chitosan formulation of claim 1 in the manufacture of a medicament for the treatment of cancer.

10. A composition for use in conditioning a neoplasm for tandem photophysical and immunological treatment, comprising an immunoadjuvant, wherein the immunoadjuvant comprises the viscoelastic glycated chitosan formulation of claim 1.

11. A composition for use in conditioning a neoplasm for tandem photophysical and immunological treatment, comprising an immunoadjuvant, wherein the immunoadjuvant comprises the viscoelastic glycated chitosan formulation of claim 1, further wherein the immunoadjuvant is conjugated to a tumor specific antigen.

12. An immunoadjuvant comprising the viscoelastic glycated chitosan formulation of claim 1.

13. A method of photophysically destroying a neoplasm and concurrently generating an *in situ* autologous vaccine in a tumor-bearing host, comprising:

    a. irradiating the neoplasm with a laser of a wavelength in the visible, near-infrared or infrared range, at a power and for a duration sufficient to produce a photothermal reaction inducing neoplastic cellular destruction and generating fragmented neoplastic tissue and cellular molecules;

    b. introducing an immunoadjuvant into the neoplasm by intratumor injection, wherein the immunoadjuvant comprises the viscoelastic glycated chitosan formulation of claim 1, further wherein the *in situ* vaccine comprises an