CLAIMS:

1. An IEIK13 composition comprising:
an IEIK13 peptide at a concentration of at least 0.25%;
which composition has a pH maintained within the range of about 2.5 to about 4.0.

2. The composition of claim 1, which composition is a solution.

3. The composition of claim 1, which composition is a gel.

4. The composition of claim 1, wherein the composition has ionic strength within the range of about 0.0001 M to about 0.1 M.

5. The composition of claim 4, wherein the ionic strength is: (a) adjusted/given by common salts, wherein the common salts are selected from the group consisting of NaCl, KCl, $MgCl_2$, $CaCl_2$, and $CaSO_4$; or (b) given by common salts, wherein the common salts are composed of one or more salt forming cations and one or more salt forming anions, wherein the salt forming cations are selected from the group consisting of ammonium, calcium, iron, magnesium, potassium, pyridinium, quaternary ammonium, and sodium, wherein the salt forming anions are selected from the group consisting of acetate, carbonate, chloride, citrate, cyanide, floride, nitrate, nitrite, and phosphate.

6. The composition of claim 1, wherein the composition has storage modulus within the range of about 100 to about 10000 Pa at 1 rad/sec of frequency and 1 Pa of oscillation stress.

7. The composition of claim 1, wherein the composition is buffered with sodium hydroxide, potassium hydroxide, calcium hydroxide, sodium carbonate, sodium acetate, sodium sulfide, or DMEM.

8. The composition of claim 1, wherein:

the IEIK13 peptide is present at a concentration of less than 3% and/or the composition has a pH within the range of about 3.0 to about 4.0.

9. The composition of claim 8, which composition is a gel that exhibits a storage modulus of more than 500 Pa at 1 rad/sec of frequency and 1 Pa of oscillation stress.

10. The composition of any one of claims 1-9, further comprising a pH-adjusting agent.