What is claimed is:

1. Use of aequorin in the manufacture of a medicament for preventing or alleviating ischemic insult on neurons in a subject's brain.

2. The use according to claim 1, wherein the ischemic insult is related to neuronal excitability, muscle contraction, membrane permeability, cell division, hormone secretion or bone mineralization.

3. The use according to claim 1, wherein the symptom or disorder is cell death following ischemia.

4. The use according to claim 1, wherein aequorin is a nutraceutical.

What is claimed is:

1. Use of aequorin in the manufacture of a medicament for preventing or alleviating an ischemic insult on neurons in a subject's brain.

2. The use according to claim 1, wherein the ischemic insult is related to neuronal excitability, muscle contraction, membrane permeability, cell division, hormone secretion or bone mineralization.

3. The use according to claim 1, wherein the symptom or disorder is cell death following ischemia.