

## **INDEPENDENT CLAIMS:**

1) In a method for administering interferon orally to a warm-blooded vertebrate whereby ingested interferon is exposed to the digestive conditions of the vertebrate's digestive tract, the improvement which comprises administering interferon orally in solution at a unit dosage of about 0.1 to about 1.5 IU/lb of body weight of the vertebrate.

2) In a method for treating a warm-blooded vertebrate to stimulate antiviral, antiproliferative and immunomodulatory responses by oral administration of interferon whereby ingested interferon is subjected to the digestive tract of the warm-blooded vertebrate, the improvement which comprises administering the interferon orally in solution at about 0.1 to about 1.5 IU/lb of body weight per dose.