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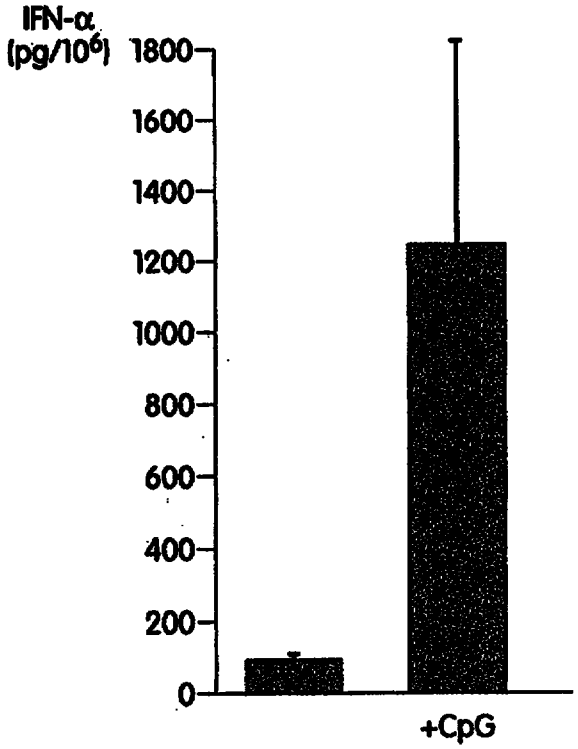
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(54) Title: METHODS RELATED TO IMMUNOSTIMULATORY NUCLEIC ACID-INDUCED INTERFERON



(57) Abstract: Methods and compositions are provided for extending the clinical utility of IFN-α in the treatment of a variety of viral and proliferative disorders. Among other aspects, the invention provides methods which increase the efficacy of IFN-α treatment and reduce IFN-α treatment-related side effects. In addition, methods are provides for supporting the survival and for activating natural interferon producing cells (IPCs)*in vitro* without exogenous IL-3 or GM-CSF. The invention is based on the discovery that certain CpG and non-CpG ISNAs promote survival and stimulation of IPCs.

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