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ACTION

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(54) Title: Y-IFN LIQUID-DROPLET AEROSOL AND METHOD

(57) Abstract: A liquid-droplet aerosol composition for delivery to a patient's respiratory tract is disclosed. The aerosol is formed by placing an aqueous γ-IFN solution having stabilizing and dispers ing components against a plate having defined-size openings, and forcing the solution through the openings under conditions effective to form aqueous droplets having a volume mean diameter in one or more of a number of selected sizes in the 1-10 micron size range. The aerosol has the desired-size droplets and a γ-I FN biological activity and molecular size distribution substantia lly the same as that of the aqueous γ-IFN solution. Also disclosed is a method of administering to a selected region of a patient's respiratory tract, an amount of human γ-IFN having a known, selected gamma-interferon biological activity and molecular size distribution.