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What is claimed:

1. A method for treating a subject having an inflammatory disease or medical condition comprising administering to the subject dicyanocobinamide that binds nitric oxide synthase (NOS) but not nitric oxide (NO) so as to inhibit nitric oxide synthase (NOS) but not nitric oxide,

wherein the inflammatory disease or medical condition is selected from a group consisting of inflammation, inflammatory bowel disease, nephritis, glomerulonephritis, hepatitis, arteritis, vasculitis, cerebritis, dermatitis, hypotension, arthritis, sepsis, septic or cardiogenic shock and myocardial infarction,

thereby treating the subject having the inflammatory or neurological disease or medical condition.

2. The method of claim 1, wherein said dicyanocobinamide is administered in an amount about 0.1 mg/kg to 100 mg/kg weight of a subject, about 0.5 to 5 mg/kg weight of a subject, about 5 to 10 mg/kg weight of a subject, about 10 to 15 mg/kg weight of a subject, about 15 to 20 mg/kg weight of a subject, about 20 to 25 mg/kg weight of a subject, about 25 to 30 mg/kg weight of a subject, about 30 to 35 mg/kg weight of a subject, about 35 to 40 mg/kg weight of a subject, about 40 to 45 mg/kg weight of a subject, about 45 to 50 mg/kg weight of a subject, about 50 to 55 mg/kg weight of a subject, about 55 to 60 mg/kg weight of a subject, about 60 to 65 mg/kg weight of a subject, about 65 to 70 mg/kg weight of a subject, about 70 to 75 mg/kg weight of a subject, about 75 to 80 mg/kg weight of a subject, about 80 to 85 mg/kg weight of a subject, about 85 to 90 mg/kg weight of a subject, about 90 to 95 mg/kg weight of a subject, about 95 to 100 mg/kg weight of a subject, about 2 to 10 mg/kg weight of a subject, about 0.1 to 4 mg/kg weight of a subject, about 0.1 to 0.5 mg/kg weight of a subject, about 0.5 to 1.0 mg/kg weight of a subject, about 1.0 to 1.5 mg/kg weight of a subject, about 1.5 to 2.0 mg/kg

weight of a subject, about 2.0 to 2.5 mg/kg weight of a subject, about 2.5 to 3.0 mg/kg weight of a subject, about 3.0 to 3.5 mg/kg weight of a subject, about 3.5 to 4.0 mg/kg weight of a subject, about 4.0 to 4.5 mg/kg weight of a subject, about 4.5 to 5.0 mg/kg weight of a subject, about 5.0 to 5.5 mg/kg weight of a subject, about 5.5 to 6.0 mg/kg weight of a subject, about 6.0 to 6.5 mg/kg weight of a subject, about 6.5 to 7.0 mg/kg weight of a subject, about 7.0 to 7.5 mg/kg weight of a subject, about 7.5 to 8.0 mg/kg weight of a subject, about 8.0 to 8.5 mg/kg weight of a subject, about 8.5 to 9.0 mg/kg weight of a subject, about 9.0 to 9.5 mg/kg weight of a subject, about 9.5 to 10.0 mg/kg weight of a subject, about 0.1 to 2 mg/kg weight of a subject, about 2 to 4 mg/kg weight of a subject, about 4 to 6 mg/kg weight of a subject, about 6 to 8 mg/kg weight of a subject, about 8 to 10 mg/kg weight of a subject, about 10 to 12 mg/kg weight of a subject, about 12 to 14 mg/kg weight of a subject, about 14 to 16 mg/kg weight of a subject, about 16 to 18 mg/kg weight of a subject, about 18 to 20 mg/kg weight of a subject, about 0.5 mg/kg weight of a subject, 2 mg/kg weight of a subject, 10 mg/kg weight of a subject, about 0.5 mg/kg to 100 mg/kg weight of a subject, about 0.5 to 10 mg/kg weight of a subject, about 0.1 mg/kg to 20 mg/kg weight of a subject, about 500 mg for a subject weighing less than 60 kg, 750 mg for a subject weighing between 60-100 kg, 1000 mg for a subject weighing more than 100 kg, about 0.1 gram per dose, about 0.5 gram per dose, about 1 gram per dose, about 2 gram per dose, about 3 gram per dose, about 4 gram per dose, about 5 gram per dose, about 6 gram per dose, about 7 gram per dose, about 8 gram per dose, about 9 gram per dose, about 10 gram per dose, about 11 gram per dose, about 12 gram per dose, about 13 gram per dose, about 14 gram per dose, about 15 gram per dose, about 16 gram per dose, about 17 gram per dose, about 18 gram per dose, about 19 gram per dose or about 20 gram per dose.

3. The method of claim 1, wherein said dicyanocobinamide is administered orally, intravenously, intrarectally, intravaginally, intrabronchially, topically, intramuscularly, intraperitoneally, intrapleurally, by inhalation, by eye drops or by any enteral, parenteral or non-parenteral mechanism.

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