

Title (en)

STAT3 AGONISTS AND ANTAGONISTS AND THERAPEUTIC USES THEREOF

Title (de)

STAT3-AGONISTEN UND ANTAGONISTEN UND IHRE THERAPEUTISCHEN ANWENDUNGSZWECKE

Title (fr)

AGONISTES ET ANTAGONISTES DE STAT3 ET APPLICATIONS THERAPEUTIQUES DE CEUX-CI

Publication

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Application

EP 01970740 A 20010910

Priority

- US 0128254 W 20010910
- US 23121200 P 20000908

Abstract (en)

[origin: WO0220032A1] The present invention relates to methods of modulating, *i.e.*, agonizing or antagonizing, Stat3 (Signal Transducer and Activator of Transcription3) signaling activity for use in gene therapy. Inhibition and/or activation of Stat3 signaling is an effective approach to modulate angiogenesis and the immune response for treatment and/or prevention of inflammation, infection, inflammation, immune disorders, and ischemia.

[origin: WO0220032A1] The present invention relates to methods of modulating, *i.e.*, agonizing or antagonizing, Stat3 (Signal Transducer and Activator of Transcription3) signaling activity for use in gene therapy. Inhibition and/or activation of Stat3 signaling is an effective approach to modulate angiogenesis and the immune response for treatment and/or prevention of inflammation, infection, inflammation, immune disorders, and ischemia.

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CPC (source: EP)

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Citation (search report)

- [X] WO 0044774 A2 20000803 - UNIV SOUTH FLORIDA [US]
- [PX] YAMAUCHI-TAKIHARA, K. & KISHIMOTO, T.: "A novel role for STAT3 in cardiac remodeling", TRENDS IN CARDIOVASCULAR MEDICINE, vol. 10, no. 7, October 2000 (2000-10-01), pages 298 - 303, XP002448914
- [X] NEGORO, S. ET AL.: "Activation of JAK/STAT pathway transduces cytoprotective signal in rat acute myocardial infarction", CARDIOVASCULAR RESEARCH, vol. 47, 6 September 2000 (2000-09-06), pages 797 - 805, XP002448915
- [PX] NEGORO, S. ET AL.: "Activation of signal transducer and activator of transcription 3 protects cardiomyocytes from hypoxia/reoxygenation-induced oxidative stress through the upregulation of manganese superoxide dismutase", CIRCULATION, vol. 104, 28 August 2001 (2001-08-28), pages 979 - 981, XP002448916
- See references of WO 0220032A1

Designated contracting state (EPC)

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