

Title (en)
COMPOUNDS, COMPOSITIONS AND METHODS FOR THE ENDOCYTIC PRESENTATION OF IMMUNOSUPPRESSIVE FACTORS

Title (de)
VERBINDUNGEN, ZUSAMMENSETZUNGEN UND VERFAHREN ZUR ENDOZYTISCHEN PRÄSENTATION IMMUNSUPPRESSIVER
FAKTOREN

Title (fr)
COMPOSES, COMPOSITIONS ET PROCEDES DESTINES A LA PRESENTATION ENDOCYTIQUE DE FACTEURS IMMUNOSUPPRESSEURS

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Application
EP 99935427 A 19990706

Priority
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Abstract (en)
[origin: WO0001732A2] A fusion protein for the alleviation of symptoms associated with an autoimmune disorder comprising an immunoglobulin or portion thereof linked to one or more autoantigenic polypeptides or fragments thereof, wherein said immunoglobulin or portion thereof is capable of binding to an Fc receptor and being endocytosed by an antigen-presenting cell, and said one or more autoantigenic polypeptides or fragments thereof provides more than one T cell receptor peptide agonist for presentation on the surface of said antigen-presenting cell upon endocytic processing. Said autoantigenic polypeptides may comprise at least a portion of myelin basic protein or at least a portion of proteolipid protein. Method to alleviate symptoms associated with an autoimmune disorder in a patient in need thereof comprising the steps of providing a composition comprising said fusion protein and administering a therapeutically effective amount of said composition to said patient. Autoimmune disorders may include multiple sclerosis, lupus, rheumatoid arthritis, scleroderma, insulin-dependent diabetes and ulcerative colitis. Method for presenting multiple T cell receptor agonists on the surface of a professional or nonprofessional antigen-presenting cell comprising the steps of providing said fusion protein, contacting said fusion protein with at least one Fc receptor present on the surface of a professional or nonprofessional antigen-presenting cell, whereby the fusion protein is internalized by the antigen-presenting cell, and endocytically processing the internalized fusion protein to provide more than one T cell receptor peptide agonist, wherein the provided T cell receptor agonists are presented on the surface of the antigen-presenting cell.

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Citation (search report)
See references of WO 0001732A2

Cited by
US11253579B2; US10953101B2; US11801305B2; US10946079B2; US11654188B2; US11666638B2; US10046056B2; US10940209B2; US11793882B2; US9814780B2; US9878048B2; US9901645B2; US9901646B2; US10265416B2; US10265415B2; US10471155B2; US9850296B2; US10392437B2; US10800838B2; US10919963B2; US11884721B2

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