

Title (en)
PEPTIDES HAVING IMMUNOMODULATORY PROPERTIES

Title (de)
PEPTIDE MIT IMMUNOMODULATORISCHEN EIGENSCHAFTEN

Title (fr)
PEPTIDES AYANT DES PROPRIÉTÉS IMMUNO-MODULATRICES

Publication
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Application
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Abstract (en)
[origin: CN113039194A] The present invention provides novel peptides having immunomodulatory activity in vitro and in vivo. The peptides may include specific banding hydrophilic and hydrophobic regions consisting of alternating hydrophilic and hydrophobic modules, which may assume an amphiphilic conformation under physiological conditions. The present invention provides peptides that can specifically bind to key functional regions on one or more signaling proteins, in particular pro-inflammatory cytokines, macrophage inhibitory proteins and histone regulatory proteins. The invention includes peptides that are sufficiently stable in the circulation for intravenous administration. The invention also provides a pharmaceutical composition comprising the target peptide. The target peptides can be used in methods of modulating macrophage activity. In some cases, the peptide is a CD206 binding agent. The invention also provides methods of treating chronic inflammation related conditions in a subject using the peptides and compositions of the invention.

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Citation (search report)

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- [ID] US 2012270770 A1 20121025 - JAYNES JESSE MICHAEL [US]
- See references of WO 2020046297A2

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