

Title (en)
PEPTIDES AND COMPOSITIONS FOR TARGETED TREATMENT AND IMAGING

Title (de)
PEPTIDE UND ZUSAMMENSETZUNGEN ZUR GEZIELTEN BEHANDLUNG UND ABBILDUNG

Title (fr)
PEPTIDES ET COMPOSITIONS POUR TRAITEMENT ET IMAGERIE CIBLÉS

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Abstract (en)
[origin: WO2020036987A1] The invention disclosed herein provides compositions and methods of treating cancer and other diseases related to activated immune cells using modulators of the TREM-1/DAP-12 signaling pathway. The compositions, including peptides and peptide variants, modulate TREM- 1 -mediated immunological response as standalone and combination-therapy treatment regimen. Further, methods are provided for predicting the efficacy of TREM-I modulatory therapies in patients. In one embodiment, the present invention relates to targeted treatment, prevention and/or detection of cancer including but not limited to lung cancer including non-small cell lung cancer, pancreatic cancer, giant cell tumor of the tendon sheath, tenosynovial giant cell tumor, pigmented villonodular synovitis, cancer cachexia, etc., and other cancers associated with myeloid cell activation and recruitment. Additionally, the present invention relates to the targeted treatment, prevention and/or detection of scleroderma including but not limited to calcinosis, Raynaud's phenomenon, esophageal dysmotility, scleroderma, or telangiectasia syndrome (CREST). The invention further relates to personalized medical treatments.

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