

Title (en)
COMPOSITIONS AND TREATMENT FOR MULTIPLE SCLEROSIS

Title (de)
ZHUSAMMENSETZUNG UND BEHANDLUNG VON MULTISKLEROSE

Title (fr)
COMPOSITIONS ET TRAITEMENT POUR LA SCLEROSE EN PLAQUES

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Abstract (en)

[origin: WO9612737A2] The present invention provides isolated peptides and combinations of peptides derived from myelin autoantigens such as MBP, MOG, PLP, and MAG suitable for treating multiple sclerosis, including prophylactic and therapeutic compositions and methods for preventing or treating multiple sclerosis. Preferred compositions of the invention comprise at least one isolated, purified peptide, free from all other polypeptides or contaminants, the peptide comprising an amino acid sequence, the myelin autoantigen which has T cell activity. A therapeutic composition of the invention is capable of down regulating the autoantigen specific immune response to the myelin autoantigen in a population of humans suffering from, or susceptible to multiple sclerosis, such that disease symptoms are reduced, eliminated, or reversed and/or the onset or progression of disease symptoms is prevented or slowed. Additionally, compositions and methods of the instant invention when administered in an advanced stage of disease, reverse ongoing paralysis or other signs of disease when administered during the acute phase of disease or prevents relapse when administered during remission.

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