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(54) Title: CHEMOKINE MUTANTS IN THE TREATMENT OF MULTIPLE SCLEROSIS

(57) Abstract: Mutants of CC chemokines, which contain at least two mutations in the cationic site of the 40's loop and which, relative to the wild-type molecule, have a reduced GAG-binding activity. In particular it has been found that such mutated chemokines are effective in the treatment of multiple sclerosis and/or other demyelinating diseases. A triple mutant of RANTES is the compound showing the best results.

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