

Title (en)  
NEUROPROTECTIVE CELL-PENETRATING PEPTIDES

Title (de)  
NEUROPROTEKTIVE ZELLPENETRIERENDE PEPTIDE

Title (fr)  
PEPTIDES DE PÉNÉTRATION CELLULAIRE NEUROPROTECTEURS

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Application  
**EP 12830062 A 20120905**

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Abstract (en)  
[origin: WO2013034805A1] The present invention relates to the fields of bioactive peptides and cell-penetrating peptides as well as to the field of neurotrophic factors, i.e. growth factors for neural cells. The present invention provides peptides with length of 4 to 40 amino acids comprising the sequence CKGC (SEQ ID NO:1) or CRAC (SEQ ID NO:2). Pharmaceutical compositions comprising said peptides are also provided as well as the peptides for use in the treatment of Alzheimer's disease, Parkinson's disease, amyotrophic lateral sclerosis, stroke, peripheral neuropathy, epilepsy, diabetes or drug addiction. The invention is also directed to a method for promoting survival of dopaminergic neurons. In addition, peptides with length of 4 to 40 amino acids comprising the sequence CXXC (SEQ ID NO: 5) for use in the above mentioned diseases are also provided.

IPC 8 full level  
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• See references of WO 2013034805A1

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