

Claims:

Claim 1. Use of a composition comprising a gene encoding glutamate decarboxylase (GAD) and a gene encoding interleukin-10 (IL-10) in the manufacture of a medicament for relieving or treating pain, wherein the pain is nociceptive pain, inflammatory pain, or pathological pain.

Claim 2. The use according to claim 1, wherein the composition comprises a first vector operably containing a gene encoding GAD and a second vector operably containing a gene encoding IL-10.

Claim 3. The use according to claim 2, wherein the composition comprises a first vector containing a gene encoding GAD and a second vector containing a gene encoding IL-10 in a virus titer-based mixing ratio per unit volume of 1: 1 to 1: 50.

Claim 4. The use according to claim 3, wherein the first vector and the second vector comprise at least one viral vector selected from the group consisting of adenovirus, adeno-associated virus, herpes simplex virus, lentivirus, retrovirus and poxvirus.

Claim 5. The use according to any preceding claim, wherein the GAD is at least one selected from the group consisting of GAD65 and GAD67.

Claim 6. The use according to claim 5, wherein the GAD consists of the amino acid sequence of SEQ ID NO: 1 or SEQ ID NO: 4.

Claim 7. The use according to claim 5, wherein the gene encoding GAD consists of the base sequence of SEQ ID NO: 2, SEQ ID NO: 3 or SEQ ID NO: 5.

Claim 8. The use according to any preceding claim, wherein the IL-10 consists of the amino acid sequence of SEQ ID NO: 6 or SEQ ID NO: 9.

Claim 9. The use according to any of claims 1 to 7, wherein the gene encoding IL-10 consists of the base sequence of SEQ ID NO: 7, SEQ ID NO: 8 or SEQ ID NO: 10.

Claim 10. The use according to any preceding claim, wherein the pain is neuropathic pain, cancer pain, postoperative pain, trigeminal neuralgia, idiopathic pain, diabetic neuropathic pain, or migraine.

Claim 11. The use according to claim 1, wherein the pharmaceutical composition further comprises a physiologically acceptable carrier.

Claim 12. The use according to any preceding claim, wherein the pharmaceutical composition is provided in the form of an injection.