Summary

In one aspect, there is provided composition for reconstituting dried peptides, wherein the composition comprises or consists of about 60-80% v/v aqueous solution comprising an organic acid, about 5-10% v/v propylene glycol (CAS no. 57-55-6), about 10-20% v/v lower alcohol and about 5-10% v/v non-ionic hydrophilic surfactant.

In another aspect, there is provided pharmaceutical composition comprising the reconstitution composition as described herein and further comprising peptides, preferably of between 15 and 100 amino acids in length.

In another aspect, there is provided pharmaceutical composition as described herein, for use as a medicament, the medicament, preferably being a vaccine.

In another aspect, there is provided method for reconstituting dried, preferably lyophilized, peptides, comprising the following subsequent steps:

a) providing a vial comprising dried, preferably lyophilized, peptides, wherein preferably the peptides are peptides of between 15 and 100 amino acids in length,;
b) thawing the peptides, preferably for about 5-30 min;
c) adding the reconstitution composition as described herein to the vial comprising the peptides, preferably without swirling the vial;
d) allowing to admix, preferably for about 0.5-5 minutes; and
e) swirling until a clear solution is obtained, preferably for about 1-3 minutes.

In another aspect, there is provided method for preparing a pharmaceutical composition, comprising the subsequent steps of:

(i) collect reconstituted peptides obtainable by the method as described herein in a first syringe;
(ii) connect the first syringe of step (i) to a second syringe comprising the oil-based adjuvant using a connector;
(iii) push the content of the first syringe into the second syringe and backwards;
(iv) repeat step (iii) about 10-50 times in a total in about 10-50 seconds.

In another aspect, there is provided kit of parts comprising a:

1. a first vial containing dried, preferably lyophilized, peptides, wherein preferably the peptides are peptides of between 15 and 100 amino acids in length;
2. a second vial containing a composition as described herein; and optionally,
3. a third vial containing an oil-based adjuvant.

19. Pharmaceutical composition for use according to claim 16, wherein the medicament is a vaccine for inducing a T cell response against at least one epitope of the peptides.

20. Method for reconstituting dried, preferably lyophilized, peptides, comprising the following subsequent steps:

a) providing a vial comprising dried, preferably lyophilized, peptides, wherein preferably the peptides are peptides of between 15 and 100 amino acids in length,;

b) thawing the peptides, preferably for about 5-30 min;

c) adding the reconstitution composition according to any one of claims 1-6 to the vial comprising the peptides, preferably without swirling the vial;

d) allowing to admix, preferably for about 0.5-5 minutes; and

e) swirling until a clear solution is obtained, preferably for about 1-3 minutes.

21. Method for preparing a pharmaceutical composition, comprising the subsequent steps of:

(i) collect reconstituted peptides obtainable by the method of claim 20 in a first syringe;

(ii) connect the first syringe of step (i) to a second syringe comprising the oil-based adjuvant using a connector

(iii)push the content of the first syringe into the second syringe and backwards

(iv)repeat step (iii) about 10-50 times in a total in about 10-50 seconds.

22. Kit of parts comprising a:

1. a first vial containing dried, preferably lyophilized, peptides, wherein preferably the peptides are peptides of between 15 and 100 amino acids in length;

2. a second vial containing a composition according to any one of claims 1-6; and optionally,

3. a third vial containing an oil-based adjuvant.