CLAIMS

1. A method for conjugating a peptide displayed on a phage display system to a molecular scaffold, comprising the steps of:

(a) combining polypeptides displayed on a phage display system with a purification resin such that the phage display system is bound to the resin and treating the bound phage display system with a reducing agent;

(b) exposing the bound phage display system to the molecular scaffold;

(c) removing unreacted molecular scaffold from the bound phage display system; and

(d) eluting the phage display system from the purification resin.

2. A method according to Claim 1, in which the phage is a wild-type phage.

3. A method according to Claim 1 or 2, in which step (a) is followed by a washing step before addition of the molecular scaffold.

4. A method according to Claim 3, in which the phage display system is washed in a dilute solution of reducing agent.

5. A method according to Claim 4, in which the wash solution further comprises a chelating agent.

6. A method according to any preceding claim, in which the reducing agent is TCEP.

7. A method according to any preceding claim, in which the scaffold is TBMB.

8. A method according to any preceding claim, in which the molecular scaffold is added in the presence of aqueous acetonitrile.

9. A method according to any preceding claim, in which the resin is an anion exchange resin.

10. A method according to any preceding claim, in which the resin is magnetic.

11. A method according to any preceding claim, in which one or both of steps (a) and (b) is performed at room temperature (25°C).

12. A method according to any preceding claim, in which step (a) is performed for 20 minutes.

13. A method according to any preceding claim, in which step (b) is performed for 10 minutes.