

Claims:

1. A multispecific antibody that binds to BCMA and CD3, for use in treating a disorder associated with BCMA expression in a patient, wherein the treatment comprises the administration of the multispecific antibody in a dosing regimen comprising:
 - (i) a starting phase, wherein one or more starting doses of the multispecific antibody are administered to the patient; and
 - (ii) a maintenance phase, wherein a first maintenance dose of the multispecific antibody is administered to the patient, optionally followed by at least one additional maintenance dose of the multispecific antibody,wherein each maintenance dose is greater than the one or more starting doses.
2. The multispecific antibody for use according to claim 1, wherein the multispecific antibody is a bispecific antibody, optionally wherein the bispecific antibody is a trivalent bispecific antibody comprising two Fab fragments of an anti-BCMA antibody, one Fab fragment of an anti-CD3 antibody, and one Fc portion, wherein the bispecific antibody is in the format BCMA Fab - Fc - CD3 Fab - BCMA Fab.
3. The multispecific antibody for use according to claim 1 or 2, wherein the anti-BCMA antibody, or antigen binding fragment thereof, comprises a VH and a VL selected from the group consisting of:
 - a) a VH region of SEQ ID NO:10 and a VL region of SEQ ID NO:12,
 - b) a VH region of SEQ ID NO:10 and a VL region of SEQ ID NO:13,
 - c) a VH region of SEQ ID NO:10 and a VL region of SEQ ID NO:14,
 - d) a VH region of SEQ ID NO:38 and a VL region of SEQ ID NO:12,
 - e) a VH region of SEQ ID NO:39 and a VL region of SEQ ID NO:12,
 - f) a VH region of SEQ ID NO:40 and a VL region of SEQ ID NO:12, or
 - g) a VH region of SEQ ID NO:9 and a VL region of SEQ ID NO:11.
4. The multispecific antibody for use according to any one of claims 1-3, wherein the anti-CD3 antibody, or antigen binding fragment thereof, comprises a VH region of SEQ ID NO:7 and a VL region of SEQ ID NO:8.
5. The multispecific antibody for use according to claim 2, wherein the bispecific antibody comprises heavy and light chain polypeptides SEQ ID NO:48, SEQ ID NO:55, SEQ ID NO:56, and SEQ ID NO:57 (x2).

6. The multispecific antibody for use according to any one of claims 1-5, wherein the starting phase comprises a single fixed dose, optionally wherein the single fixed dose is about 1.5 mg to 4.5 mg, e.g. about 3 mg.
7. The multispecific antibody for use according to any one of claims 1-6, wherein the first maintenance dose is a fixed dose of about 4.5 mg to 7.5 mg, e.g. about 6 mg.
8. The multispecific antibody for use according to any one of claims 1-5, wherein the starting phase comprises a single fixed dose, optionally wherein the single fixed dose is about 4.5 mg to 7.5 mg, e.g. about 6 mg.
9. The multispecific antibody for use according to any one of claims 1-6 and 8, wherein the first maintenance dose is a fixed dose of about 8.5 mg to 11.5 mg, e.g. about 10 mg.
10. The multispecific antibody for use according to any one of claims 1-9 wherein the at least one additional maintenance dose is the same as the first maintenance dose.
11. The multispecific antibody for use according to any one of claims 1-9, wherein the at least one additional maintenance dose is greater than the first maintenance dose.
12. The multispecific antibody for use according to any one of claims 1-7, wherein the at least one additional maintenance dose is a fixed dose of about 8.5 mg to 11.5 mg, e.g. about 10 mg.
13. The multispecific antibody for use according to any one of claims 1-12, wherein the patient has developed, or is at risk of developing, an adverse event associated with the administration of the multispecific antibody, and wherein the treatment further comprises the administration of:
 - a) a steroid, e.g. a corticosteroid;
 - b) an antagonist of a cytokine receptor or cytokine selected from among GM-CSF, IL-10, IL-10R, IL-6, IL-6 receptor (IL-6R), IFN γ , IFN γ R, IL-2, IL-2R/CD25, MCP-1, CCR2, CCR4, MIP1 β , CCR5, TNF α , TNFR1, IL-1, and IL-1 α /IL-1 β , wherein the antagonist is selected from an antibody or antigen-binding fragment, a small molecule, a protein or peptide and a nucleic acid;
 - c) a molecule that decreases the regulatory T cell (Treg) population, e.g. cyclophosphamide;
 - d) an antipyretic, analgesics and/or antibiotics; and/or
 - e) seizure prophylaxis, e.g. levetiracetam.

14. The multispecific antibody for use according to any one of claims 1-11, wherein the disorder associated with BCMA expression is a BCMA-expressing B-cell cancer, such as multiple myeloma.
15. The multispecific antibody for use according to any one of claims 1-12, wherein the multispecific antibody is administered intravenously.