CLAIMS

1. A method of selecting an individual as suitable for treatment with an anti-CD19 ADC, wherein the individual is selected for treatment with the anti-CD19 ADC if the individual has been treated with a PI3K inhibitor or a Secondary agent.

2. A method of selecting an individual as suitable for treatment with an anti-CD19 ADC, wherein the individual is selected for treatment with the anti-CD19 ADC if the individual is being treated with a PI3K inhibitor or a Secondary agent.

3. The method according to any one of the preceding claims, wherein the individual is selected for treatment if the individual is refractory to treatment, or further treatment, with the PI3K inhibitor or Secondary agent.

4. A method for treating a disorder in an individual, the method comprising:
(i) selecting an individual as suitable for treatment by a method according to any one of claims 1 to 3; and
(ii) administering to the individual an effective amount of the anti-CD19 ADC.

5. The method according to claim 4, further comprising administering a PI3K inhibitor or a Secondary agent in combination with the anti-CD19 ADC.

6. A method for treating a disorder in an individual, the method comprising administering to the individual an effective amount of an anti-CD19 ADC and a PI3K inhibitor or a Secondary agent.

7. The method according to claim 6, wherein the individual is selected for treatment according to a method according to any one of claims 1 to 3.

8. The method according to any one of claims 5 to 7, wherein the treatment comprises administering the anti-CD19 ADC before the PI3K inhibitor or Secondary agent, simultaneous with the PI3K inhibitor or Secondary agent, or after the Secondary agent.

9. The method according to any previous claim, wherein the treatment further comprises administering a chemotherapeutic agent.

10. The method according to any previous claim, wherein the individual is human.

11. The method according to any preceding claim, wherein the individual has a disorder or has been determined to have a disorder.

12. The method according to claim 11, wherein the individual has, or has been has been determined to have, a cancer which expresses CD19 or CD19+ tumour-associated non-tumour cells, such as CD19+ infiltrating cells.

13. The method according to any previous claim, wherein the individual is undergoing treatment with a PI3K inhibitor or a Secondary agent.

14. The method according to any previous claim, wherein the individual has undergone treatment with a PI3K inhibitor or a Secondary agent.

15. The method according to any previous claim, wherein the individual is refractory to treatment, or further treatment, with the PI3K inhibitor or Secondary agent.

16. The method according to any one of the preceding claims, wherein the treatment has increased efficacy as compared to monotherapy with either the anti-CD19 ADC or PI3K inhibitor or Secondary agent alone.

17. The method according to any preceding claim, wherein the anti-CD19 ADC is ADCx19.

17a. The method according to any preceding claim, wherein the anti-CD19 ADC is ADCT-402.

18. The method according to any previous claim, wherein the disorder is a proliferative disease.

19. The method of claim 18, wherein the disorder is cancer.

20. The method of claim 19, wherein the disorder is selected from the group comprising: non-Hodgkin's Lymphoma, including diffuse large B-cell lymphoma (DLBCL), follicular lymphoma, (FL), Mantle Cell lymphoma (MCL), chronic lymphatic lymphoma (CLL), and Marginal Zone B-cell lymphoma (MZBL), and leukemias such as Hairy cell leukemia (HCL), Hairy cell leukemia variant (HCL-v), and Acute Lymphoblastic Leukaemia (ALL) such as Philadelphia chromosome-positive ALL (Ph+ALL) or Philadelphia chromosome-negative ALL (Ph-ALL).

21. The method of claim 19, wherein the disorder is diffuse large B-cell lymphoma (DLBCL); optionally wherein the DLBCL is relapsed or refractory.

22. The method according to any previous claim, wherein the secondary agent is bendamustine.

23. The method according to any one of claims 1 to 21, wherein the secondary agent is lenalidomide.

24. The method according to any one of claims 1 to 21, wherein the secondary agent is a proteasome inhibitor.

25. The method according to claim 24, wherein the proteasome inhibitor is bortezomib, carfilzomib, Ixazomib, Oprozomib, or Salinosporamide A.

26. The method according to claim 24, wherein the wherein the proteasome inhibitor is bortezomib.

27. The method according to any one of claims 1 to 21, wherein the secondary agent is a PARP inhibitor (PARPi).

28. The method according to claim 27, wherein the PARPi is selected from Olaparib, CEP-9722, BMN-673/talazoparib, Rucaparib, Iniparib/SAR24-550/BSI-201, Veliparib (ABT-888), Niraparib/MK-4827, BGB-290, 3-aminobenzamide, and E7016.

29. The method according to claim 27, wherein the wherein the proteasome inhibitor is Olaparib.

30. The method according to any one of claims 1 to 21, wherein the PI3K inhibitor is idelalisib, copanlisib, duvelisib, Taselisib, Buparlisib, Alpelisib, Umbralisib, Dactolisib, or Voxtalisib.

31. The method according to any one of claims 1 to 21, wherein the PI3K is idelalisib.

32. The method according to any one of claims 1 to 21, wherein the PI3K is copanlisib.

33. An anti-CD19 ADC for use in a method of treatment according to any one of claims 4 to 32.

34. A composition comprising an anti-CD19 ADC, for use in a method of treatment according to any one of claims 4 to 32.

35. A PI3K inhibitor or a Secondary agent for use in a method of treatment according to any one of claims 5 to 32.

36. A composition comprising a PI3K inhibitor or a Secondary agent, for use in a method of treatment according to any one of claims 5 to 32.

37. Use of an anti-CD19 ADC in the manufacture of a medicament for treating a disorder in an individual, wherein the treatment comprises the method of any one of claims 4 to 32.

38. Use of a PI3K inhibitor or a Secondary agent in the manufacture of a medicament for treating a disorder in an individual, wherein the treatment comprises the method of any one of claims 5 to 32.

39. A kit comprising:
a first medicament comprising an anti-CD19 ADC;

a package insert comprising instructions for administration of the first medicament according to the method of any one or claims 4 to 32.

40. The kit according to claim 39, further comprising:
A second medicament comprising a PI3K inhibitor or a Secondary agent.