CLAIMS

1. Use of an AXL inhibitor (AXLi) in the manufacture of a medicament for treatment of an AXL–related disease, wherein the medicament is formulated to administer the AXLi to a subject in separate, sequential, or simultaneous combination with an immune checkpoint modulator (ICM); and

wherein the AXL-related disease is characterised by the presence of cells having modified STK11 activity or expression.

2. Use of an AXL inhibitor (AXLi) in the manufacture of a medicament for treatment of an AXL–related disease, wherein the medicament is formulated to administer the AXLi to a subject in separate, sequential, or simultaneous combination with an immune checkpoint modulator (ICM); and wherein:

i) the the medicament is formulated to be administered to subjects that have previously been treated with an ICM and which did not respond to or benefit from treatment with the ICM; or

ii) the AXL-related disease is characterised by a reduced presence of $CD8^+$ cells having TCF1 activity or expression.

3. The use according to any preceding claim, wherein the AXL-related disease is further characterised by:

i) the presence of cells having increased KRAS activity or expression;

ii) the presence of cells having decreased p53 activity or expression; and / or

iii) the presence of cells having increased AXL activity or expression.

4. The use according to any preceding claim, wherein increased or decreased expression is assessed by:

i) determining copy number of the gene encoding STK11, KRAS, or p53 relative to a control sample; and / or

ii) determining the level of STK11, KRAS, or p53 protein or mRNA relative to a control sample.

5. The use according to any preceding claim, wherein:

i) modified STK11 activity or expression is assessed by determining the presence or absence of a STK11 mutation and / or a STK11IP mutation; and / or

ii) STK11 activity and/or expression is decreased relative to a control sample.

6. The use according to claim 5, wherein the STK11 mutation or STK11IP mutation, is:

i) a mutation in the nucleotide sequence encoding STK11 or STK11IP;

ii) a mutation in a regulatory sequence controlling expression of the nucleotide sequence encoding STK11 or STK11IP;

iii) a mutation in a nucleotide encoding a protein which interacts with the transcription product of the STK11 or STK11IP gene;

iv) a mutation in the translation product of the STK11 or STK11IP gene;

v) a mutation in the transcription product of the STK11 or STK11IP gene; and / or

vi) a STK11 inactivating mutation, and / or a STK11IP activating mutation.

7. The use according to any preceding claim, wherein increased or decreased activity, expression, or population is determined in a sample derived from a subject; and / or increased or decreased activity, expression, or population is determined relative to a control.

8. The use according to any preceding claim, wherein the AXL-related disease is cancer, preferably a cancer selected from the group consisting of: lung cancer, non-small-cell lung cancer, breast cancer, melanoma, mesothelioma, acute myeloid leukemia (AML), myelodysplatic syndrome (MDS), pancreas cancer, kidney cancer, urothelial carcinoma, and glioblastoma.

9. The use according to claim 8, wherein the cancer is lung cancer, preferably non-small-cell lung cancer.

10. The use according to any preceding claim, wherein the AXL inhibitor is:

i) selected from the group consisting of:

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-(7-(pyrrolidin-1-yl)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7-(S)-pyrrolidin-1-yl)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7-(R)-pyrrolidin-1-yl)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-pyrido[2',3':6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-(3-fluoro-4-(4-(pyrrolidin-1-yl)piperidin-1-yl)phenyl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N5-(7-(pyrrolidin-1-yl)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-1-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N5-(7-(S)-pyrrolidin-1-yl-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(t-butoxycarbonylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-(7-(acetamido)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-(7-((2R)-2-(methoxycarbonyl)pyrrolidin-1-yl)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-(7-(4,4-difluoropiperidin-1-yl)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-(7-((methoxycarbonylmethyl)(methyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-(7-((2R)-2-(carboxy)pyrrolidin-1-yl)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-(7-(4-(ethoxycarbonyl)piperidin-1-yl)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-(7-(4-(carboxy)piperidin-1-yl)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-(7-((carboxymethyl)(methyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-(7-(4-(ethoxycarbonylmethyl)piperazin-1-yl)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-(7-(4-(carboxymethyl)piperazin-1-yl)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-(7-(pyrrolidin-1-yl)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-1-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-amino-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7s)-7-(di(cyclopropylmethyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-((2-methylpropyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-((propyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(dipropylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(diethylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(cyclohexylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(cyclopentylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-((1-cyclopentylethyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(2-propylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-((3,3-dimethylbut-2-yl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-((cyclohexylmethyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(di(cyclohexylmethyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-((5-chlorothien-2-yl)methyl)amino-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-((2-carboxyphenyl)methyl)amino-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-((3-bromophenyl)methyl)amino-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(dimethylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(cyclobutylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(3-pentylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-((2,2-dimethylpropyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(di(cyclopentylmethyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-((cyclopentylmethyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(di(bicyclo[2.2.1]hept-2-en-5-ylmethyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-((bicyclo[2.2.1]hept-2-en-5-ylmethyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(3-methylbutylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(di(3-methylbutyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(2-ethylbutylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(but-2-enylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-benzo[6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(butyl(but-2-enyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-pyrido[2',3':6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N5-((7S)-7-(t-butoxycarbonylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-pyrido[2',3':6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-amino-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-pyrido[2',3':6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(dimethylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-pyrido[2',3':6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(diethylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-pyrido[2',3':6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(dipropylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-pyrido[2',3':6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(di(cyclopropylmethyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-pyrido[2',3':6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(di(3-methylbutyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-pyrido[2',3':6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(cyclobutylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-pyrido[2',3':6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(cyclohexylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-pyrido[2',3':6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-((methylethyl)amino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

1-(6,7-dihydro-5H-pyrido[2',3':6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(cyclopentylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine; and

1-(6,7-dihydro-5H-pyrido[2',3':6,7]cyclohepta[1,2-c]pyridazin-3-yl)-N3-((7S)-7-(2-butylamino)-6,7,8,9-tetrahydro-5H-benzo[7]annulene-2-yl)-1H-1,2,4-triazole-3,5-diamine;

or pharmaceutically acceptable salts thereof;

ii) selected from the group consisting of: dubermatinib (CAS No.1341200-45-0; UNII 14D65TV20J); gilteritinib (CAS No. 1254053-43-4; UNII 66D92MGC8M); cabozantinib (CAS No. 849217-68-1; UNII 1C39JW444G); SGI7079 (CAS No. 1239875-86-5); merestinib (CAS No. 1206799-15-6; UNII 5OGS5K699E); amuvatinib (CAS No. 850879-09-3; UNII SO9S6QZB4R); bosutinib (CAS No. 380843-75-4; UNII 5018V4AEZ0); glesatinib (CAS No. 936694-12-1; UNII 7Q29OXD98N); foretinib (CAS No. 849217-64-7; UNII 81FH7VK1C4); and, TP0903 (CAS No. 1341200-45-0); or

iii) an anti-AXL antibody.

11. The use according to any preceding claim, wherein the AXL inhibitor is bemcentinib (BGB324 / R428).

12. The use according to any preceding claim, wherein the immune checkpoint modulator includes one or more immune checkpoint inhibitors (ICI),

optionally wherein the immune checkpoint modulator:

i) is selected from the group consisting of: anti-CTLA-4 antibodies, anti-PD-1 antibodies, anti-PD-L1 antibodies, anti-4-1BB antibodies, anti-OX-40 antibodies, anti-GITR antibodies, anti-CD27 antibodies, anti-CD28 antibodies, anti-CD40 antibodies, anti-LAG3 antibodies, anti-ICOS antibodies, anti-TWEAKR antibodies, anti-HVEM antibodies, anti-TIM-1 antibodies, anti-TIM-3 antibodies, anti-VISTA antibodies, and anti-TIGIT antibodies;

ii) is selected from the group consisting of: anti-CTLA-4 antibodies, anti-PD-1 antibodies, and anti-PD-L1 antibodies; or

iii) includes, or is: pembrolizumab; ipilimumab; ipilimumab and nivolumab; ipilimumab and pembrolizumab; tremelilumab and durvalumab.

13. The use according to any predecing claim, wherein the immune checkpoint modulator includes, or is an anti-PD-1 antibody; wherein the anti-PD-1 antibody is preferably pembrolizumab.

14. The use according to any preceding claim, wherein the medicament is formulated to be administered in combination with administration of a chemotherapeutic agent and / or radiotherapy;

optionally wherein the chemotherapeutic agent is:

i) a chemotherapeutic agent which induces immunogenic cell death of cancer cells, induces an immune response in the subject, and / or induces a type I interferon response in the subject;

ii) an anthracycline;

iii) an anthracycline selected from doxorubicin, daunorubicin, epirubicin, idarubicin, mitoxantrone, or valrubicin;

iv) doxorubicin;

v) carboplatin;

vi) pemetrexed disodium;

vii) pemetrexed disodium and platinum chemotherapy; or

viii) pemetrexed disodium and carboplatin.

15. A method of selecting a subject for treatment with a combination of an AXL inhibitor (AXLi) and an immune checkpoint modulator (ICM), the method comprising:

i) identifying subjects having an AXL-related disease characterised by the presence of cells having modified STK11 activity or expression; and, selecting thus identified subjects for treatment;

ii) identifying subjects having an AXL-related disease characterised by the presence of cells having increased KRAS activity or expression; and, selecting thus identified subjects for treatment;

iii) identifying subjects that have previously been treated with an immune checkpoint modulator (ICM) and which did not respond to or benefit from treatment with the ICM; and, selecting thus identified subjects for treatment; Or

iv) identifying subjects having an AXL-related disease characterised by a reduced presence of $CD8^+$ cells having TCF1 activity or expression; and, selecting thus identified subjects for treatment.

16. Use of an AXL inhibitor (AXLi) in the manufacture of a medicament for treating an AXL-related disease in a subject, wherein the medicament is formulated to:

(i) administer the AXLi to the subject in combination with an immune checkpoint modulator (ICM);

(ii) administer the AXLi to the subject, wherein an immune checkpoint modulator (ICM) has been, is, or will be, administered to the subject;

wherein the AXL-related disease is characterised by: the presence of cells having decreased STK11 activity or expression; and / or the presence of cells having a STK11 mutation and / or a STK11IP mutation.

17. Use of an immune checkpoint modulator (ICM) in the manufacture of a medicament for treating an AXL-related disease in a subject, wherein the medicament is formulated to:

(i) administer the ICM to the subject in combination with an AXL inhibitor (AXLi);

(ii) administer the ICM to the subject, wherein an AXL inhibitor (AXLi) has been, is, or will be, administered to the subject;

wherein the AXL-related disease is characterised by: the presence of cells having decreased STK11 activity or expression; and / or the presence of cells having a STK11 mutation and / or a STK11IP mutation.

18. The use according to claim 16 or 17, wherein the subject has been selected for treatment using a method as defined in claim 15.

19. A method of prognosing susceptibility of a subject to treatment with a combination of an AXL inhibitor (AXLi) and an immune checkpoint modulator (ICM), the method comprising:

determining: i) the presence or absence of a STK11 mutation and / or STK11IP mutation; and / or ii) the level of STK11 activity or expression in the subject or a sample derived from the subject;

wherein the presence of a STK11 mutation and / or presence of a STK11IP mutation, and / or a modified level of STK11 activity or expression is indicative of susceptibility to treatment with a combination of an AXL inhibitor (AXLi) and an immune checkpoint modulator (ICM), preferably wherein the modified level of STK11 activity or expression is a decreased level of STK11 activity or expression.

20. A method of prognosing susceptibility of a subject to treatment with a combination of an AXL inhibitor (AXLi) and an immune checkpoint modulator (ICM), the method comprising:

determining: i) the presence or absence of a KRAS mutation; and / or ii) the level of STK11 activity or expression in the subject or a sample derived from the subject;

wherein the presence of a KRAS mutation, and / or an increased level of STK11 activity or expression is indicative of susceptibility to treatment with a combination of an AXL inhibitor (AXLi) and an immune checkpoint modulator (ICM).