WHAT IS CLAIMED IS:

1. Method of treating GIST in a human patient comprising administering to the human patient in need thereof a dose effective against GIST of a combination (a) a c-kit inhibitor and (b) a PI3K inhibitor or FGFR inhibitor, or a pharmaceutically acceptable salt thereof, respectively.

2. Method according to any one of claims 1, wherein the c-kit inhibitor is selected from imatinib, nilotinib and masitinib, or, respectively, a pharmaceutically acceptable salt thereof.

3. Combination comprising (a) a c-kit inhibitor and (b) a PI3K inhibitor or FGFR inhibitor, or a pharmaceutically acceptable salt thereof, respectively, for the treatment of GIST.

4. Method according to claim 1 or 2 or combination according to claim 3, wherein the GIST is progressing after imatinib therapy.

5. Method according to claim 1 or 2 or combination according to claim 3, wherein the GIST is progressing after imatinib and sunitinib therapy.

6. Method according to claim 2, wherein imatinib is applied in a daily dose between 300 and 600 mg.

7. Method according to any one of claims 1 or 2 or combination according to claim 3, wherein the PI3K inhibitor is selected from 2-methyl-2-[4-(3-methyl-2-oxo-8-quinolin-3-yl-2,3-dihydro-imidazo[4,5-c]quinolin-1-yl)-phenyl]-propionitrile, 5-(2,6-di-morpholin-4-yl-pyrimidin-4-yl)-4-trifluoromethyl-pyridin-2-ylamine, and (S)-pyrrolidine-1,2-dicarboxylic acid 2-amide 1-({4-methyl-5-[2-(2,2,2-trifluoro-1,1-dimethyl-ethyl)-pyridin-4-yl]-thiazol-2-yl}-amide), or, respectively, a pharmaceutically acceptable salt thereof.

WHAT IS CLAIMED IS:

1. Method of treating GIST in a human patient comprising administering to the human patient in need thereof a dose effective against GIST of a combination (a) a c-kit inhibitor and (b) a PI3K inhibitor or FGFR inhibitor, or a pharmaceutically acceptable salt thereof, respectively.

2. Method according to any one of claims 1, wherein the c-kit inhibitor is selected from imatinib, nilotinib and masitinib, or, respectively, a pharmaceutically acceptable salt thereof.