CLAIMS

1) An isolated bispecific FN3 domain containing molecule comprising a first fibronectin type III (FN3) domain and a second FN3 domain, wherein the first FN3 domain specifically binds epidermal growth factor receptor (EGFR) and blocks binding of epidermal growth factor (EGF) to EGFR, and the second FN3 domain specifically binds hepatocyte growth factor receptor (c-Met), and blocks binding of hepatocyte growth factor (HGF) to c-Met, wherein the molecule comprises the amino acid sequence shown in SEQ ID NO: 190 or 191.

2) The bispecific molecule of claim 1, wherein the first FN3 domain has one or more of the properties in a) through d)

a) the first FN3 domain inhibits EGF-induced EGFR phosphorylation at EGFR residue Tyrosine 1173 with an IC_{50} value of less than about 2.5×10^{-6} M when measured in A431 cells using 50 ng/mL human EGF, and the second FN3 domain inhibits HGF- induced c-Met phosphorylation at c-Met residue Tyrosine 1349 with an IC_{50} value of less than about 1.5×10^{-6} M when measured in NCI-H441 cells using 100 ng/mL human HGF;

b) the first FN3 domain inhibits EGF-induced EGFR phosphorylation at EGFR residue Tyrosine 1173 with an IC_{50} value between about 1.8×10^{-8} M and about 2.5×10^{-6} M when measured in A431 cells using 50 ng/mL human EGF, and the second FN3 domain inhibits HGF- induced c-Met phosphorylation at c-Met residue Tyrosine 1349 with an IC_{50} value between about 4×10^{-9} M and about 1.5×10^{-6} M when measured in NCI-H441 cells using 100 ng/mL human HGF;

c) the first FN3 domain binds human EGFR with a dissociation constant (K_D) of less than about 1×10^{-8} M, and the second FN3 domain binds human c-Met with a K_D of less than about 5×10^{-8} M, wherein the K_D is measured using surface plasmon resonance using a ProteOn XPR-36 instrument with a flow rate of 100 µL/min in PBS containing 0.005% Tween-20; or

d) the first FN3 domain binds human EGFR with a K_D of between about 2×10^{-10} to about 1×10^{-8} M, and the second FN3 domain binds human c-Met with a K_D of between about 3×10^{-10} to about 5×10^{-8} M, wherein the K_D is measured using surface plasmon resonance using a ProteOn XPR-36 instrument with a flow rate of 100 µL/min in PBS containing 0.005% Tween-20.

3) The bispecific molecule of claim 1, wherein the bispecific molecule inhibits NCI-H292 cell proliferation with an IC_{50} value that is at least 30-fold less when compared to the IC_{50} value of inhibition of NCI-H292 cell growth with a mixture of the first FN3 domain and the second FN3 domain, wherein the cell proliferation is induced with 10% FBS containing 7.5 ng/mL HGF.

4) The bispecific molecule of claim 1, wherein the bispecific molecule has one or more of the properties in a) through e):

a) inhibits EGF-induced EGFR phosphorylation at EGFR residue Tyrosine 1173 with an IC_{50} value of less than about $8x10^{-7}$ M when measured in NCI-H292 cells using 50 ng/mL human EGF;

b) inhibits HGF-induced c-Met phosphorylation at c-Met residue Tyrosine 1349 with an IC_{50} value of less than about $8.4x10^{-7}$ M when measured in NCI-H441 cells using 100 ng/mL human HGF;

c) inhibits HGF-induced NCI-H292 cell proliferation with an IC_{50} value of less than about $9.5x10^{-6}$ M, wherein the cell proliferation is induced with 10% FBS containing 7.5 ng HGF;

d) binds EGFR with a K_D of less than about $2.0x10^{-8}$ M; or

e) binds c-Met with a K_D of less than about $2.0x10^{-8}$ M, wherein the K_D is measured using surface plasmon resonance using a ProteOn XPR-36 instrument with a flow rate of 100 µL/min in PBS containing 0.005% Tween-20.

5) The bispecific molecule of claim 1, further comprising a cysteine linked to the C-terminus of the molecule.

6) The bispecific molecule of claim 1 coupled to a half-life extending moiety.

7) The bispecific molecule of claim 6, wherein the half-life extending moiety is selected from the group consisting of an albumin binding molecule, a polyethylene glygol (PEG), an albumin, an albumin variant, and at least a portion of an Fc region of an immunoglobulin.

8) The bispecific molecule of claim 7, wherein the half-life extending moiety is the albumin variant of SEQ ID NO: 189.

9) A pharmaceutical composition comprising the bispecific molecule of claim 1 and a pharmaceutically acceptable carrier.