

Supplementary Figure Legends

Figure S1. Influence of miR-10a mimics or inhibitor on hCMPC viability.

Different concentration of oligonucleotides were transfected into hCMPC, which then were used for CCK-8 test. *P<0.05, n=6.

Figure S2. miR-10a mimics or inhibitor changes expression level of miR-10a.

hCMPC were transfected with 50nM miR-10a mimics or inhibitor, and proceeded to miR-10a expression detection by RT/PCR. *P<0.05, n=5.

Figure S3. miR-10a decreases the proliferation of hCMPCs.

A. Representative image of hCMPCs transfected with mock, miR-10a mimics or inhibitor stained with crystal violet. to count cell numbers ($\times 200$). B. Quantify of the cell counting experiment showed miR-10a mimics decreased the hCMPCs proliferation. *P<0.05, n=3.

Figure S4. miR-10a decreases hCMPCs proliferation without affects cell

apoptosis. The protein expression of caspase 3 was detected in the hCMPCs which were transfected with miR-10a mimics and an unrelated-oligo. n=3.

Figure S5. GATA6 rescues the proliferation phenotype of miR-10a in hCMPC.

Representative images for EdU incorporation are showed ($\times 200$).

Figure S1

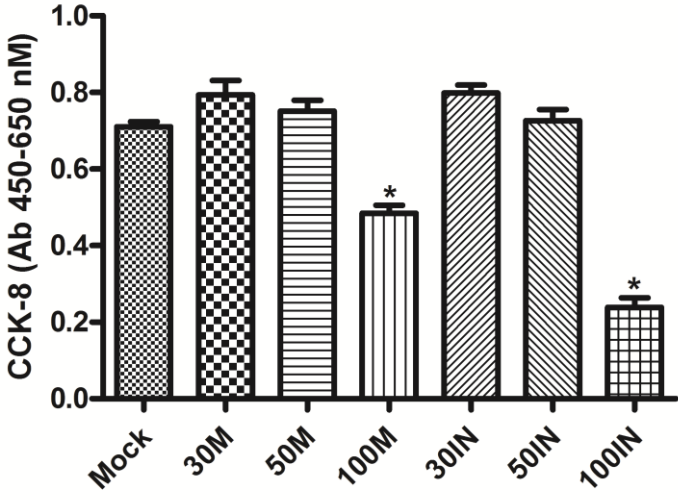


Figure S2

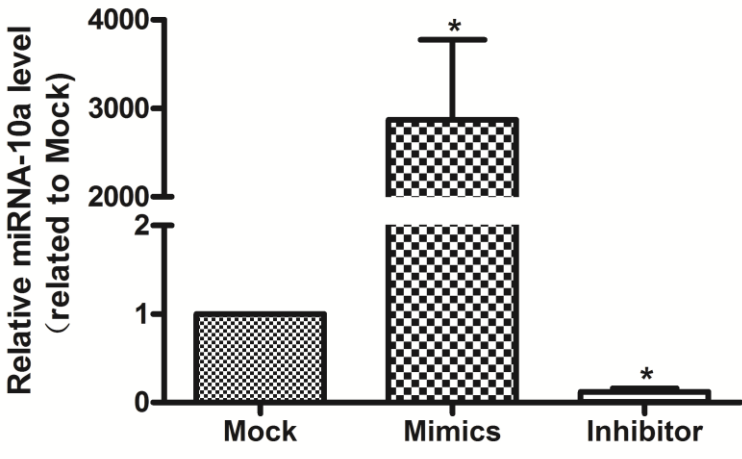
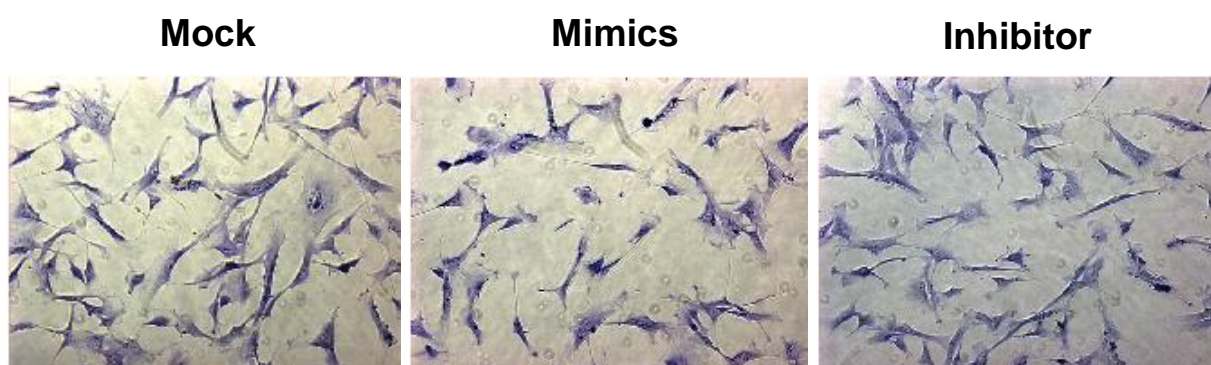


Figure S3

A



B

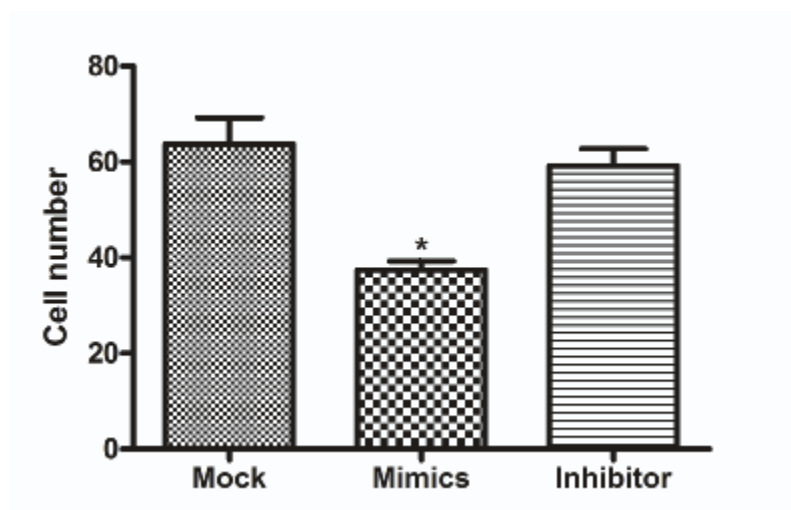


Figure S4

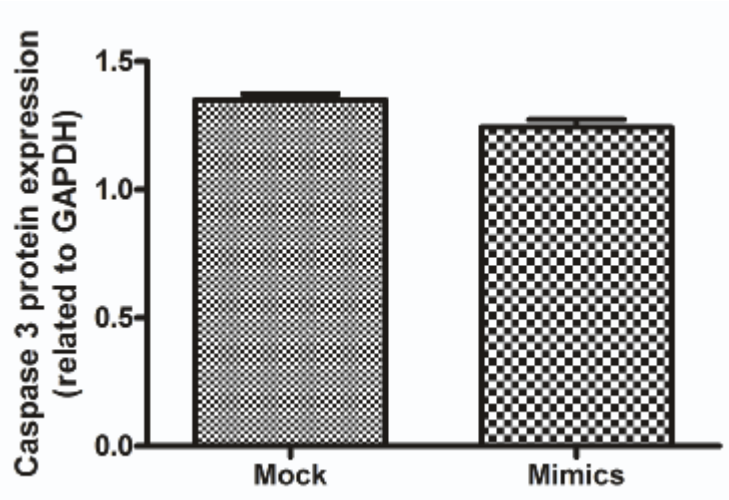
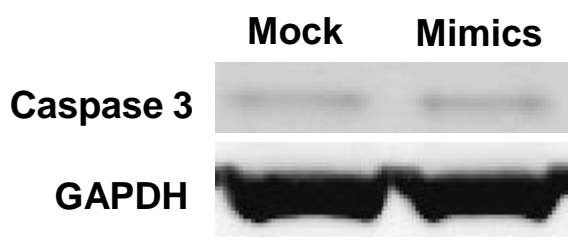


Figure S5

