

1. A7r5 cells were discovered to promote cell proliferation/migration by oleic acid and high glucose.
2. Acarbose inhibiting oleic acid and high glucose enhanced vascular smooth muscle cell proliferation/migration.
3. Acarbose up-regulation of miR-143 attenuates the Ras-mediated FAK and PI3K/Akt pathway to improve VSMC migration and proliferation.