

Research highlights:

1. Quercetin suppressed EMT of triple negative breast cancer (TNBC) by attenuating of IGF-1R signaling in MDA-MB-231 cells and xenograft mouse models.
2. Quercetin inhibited expression and promoter activity of EMT-relative transcription factors Snail and Slug, correlated with the reversal of EMT in MDA-MB-231 cells.
3. Quercetin may act as a chemopreventive agent against TNBC by blocking IGF-1R-mediated EMT and invasive phenotypes