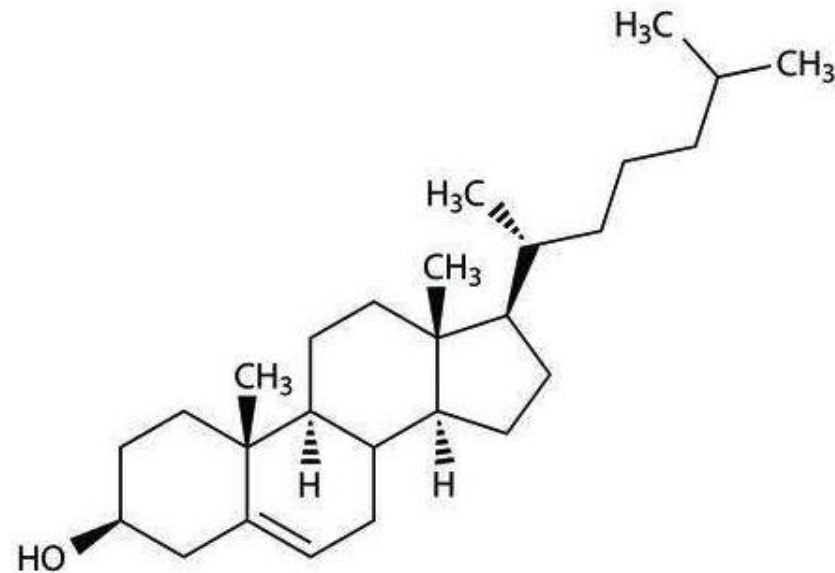


Project background

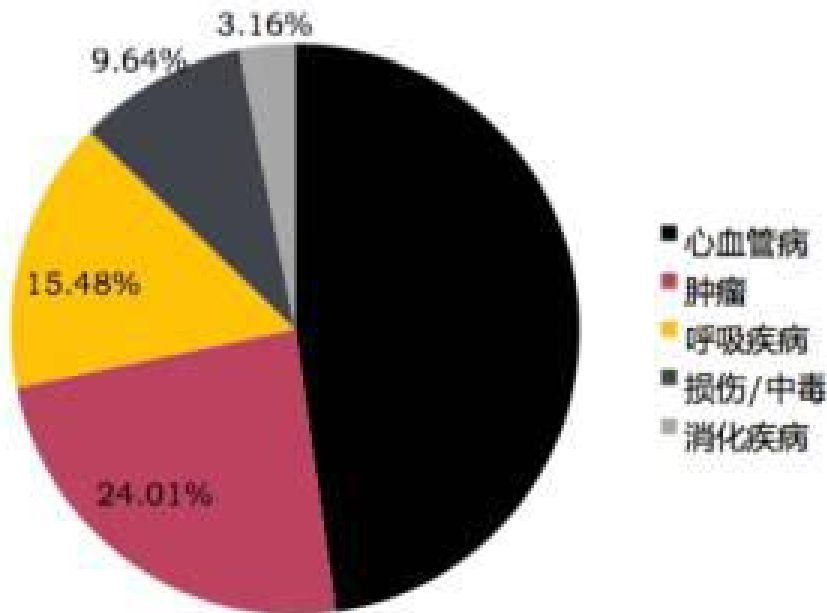


Cholesterol, an essential component of membrane structure, gradually accumulates in arteries of human body, which results in the number one killer mechanism of human life: atherosclerosis

An alarming health threat: Atherosclerosis

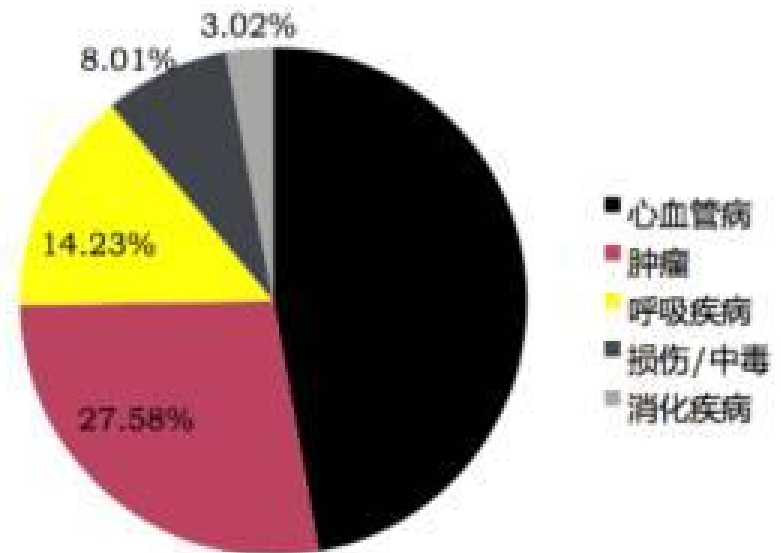
Epidemic statistics of atherosclerosis-related mortality in China

中国农村主要疾病死因构成比



Area outside city

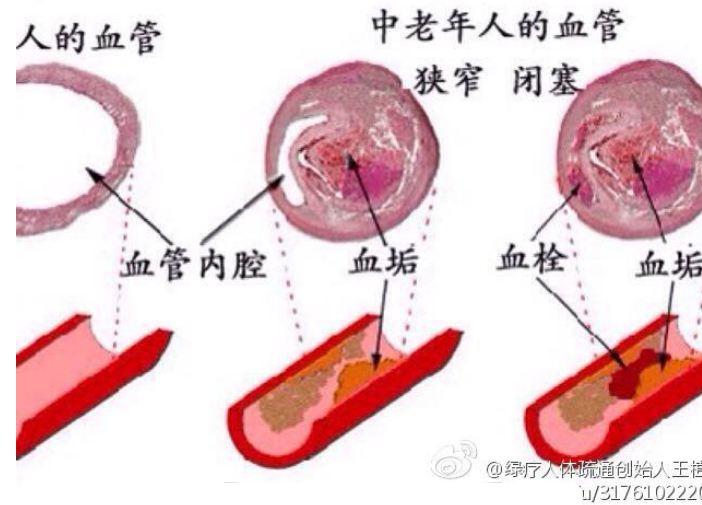
中国城市主要疾病死因构成比



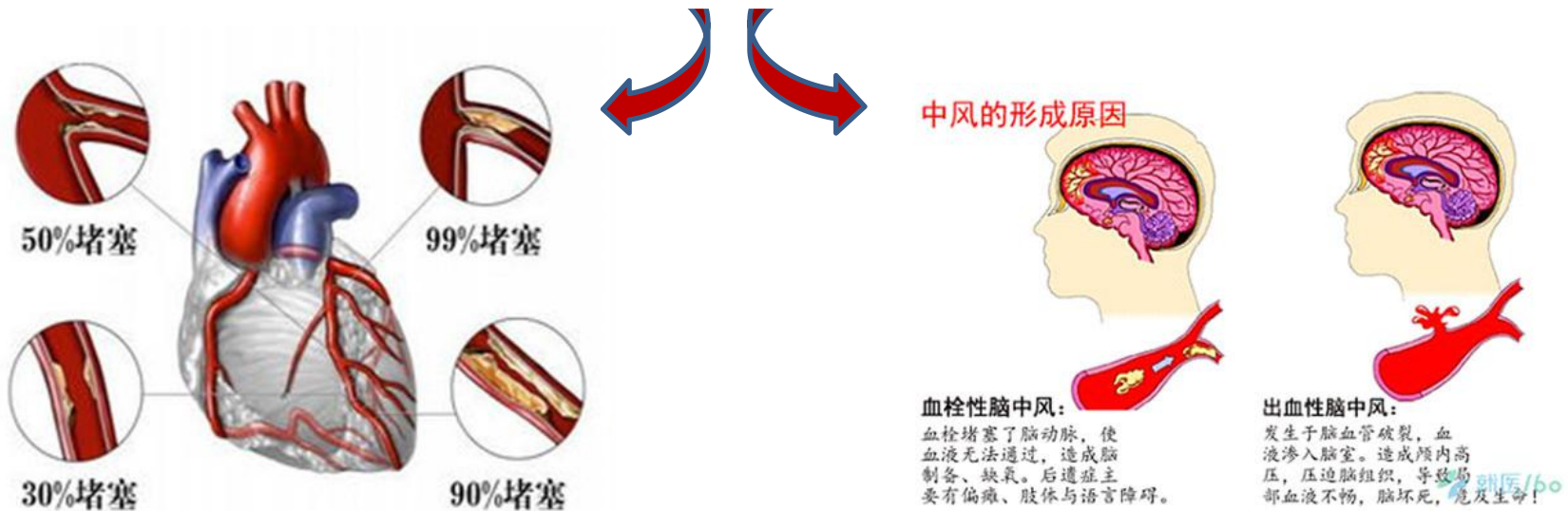
Area inside city

■ Atherosclerosis related death

Pathology of Atherosclerosis



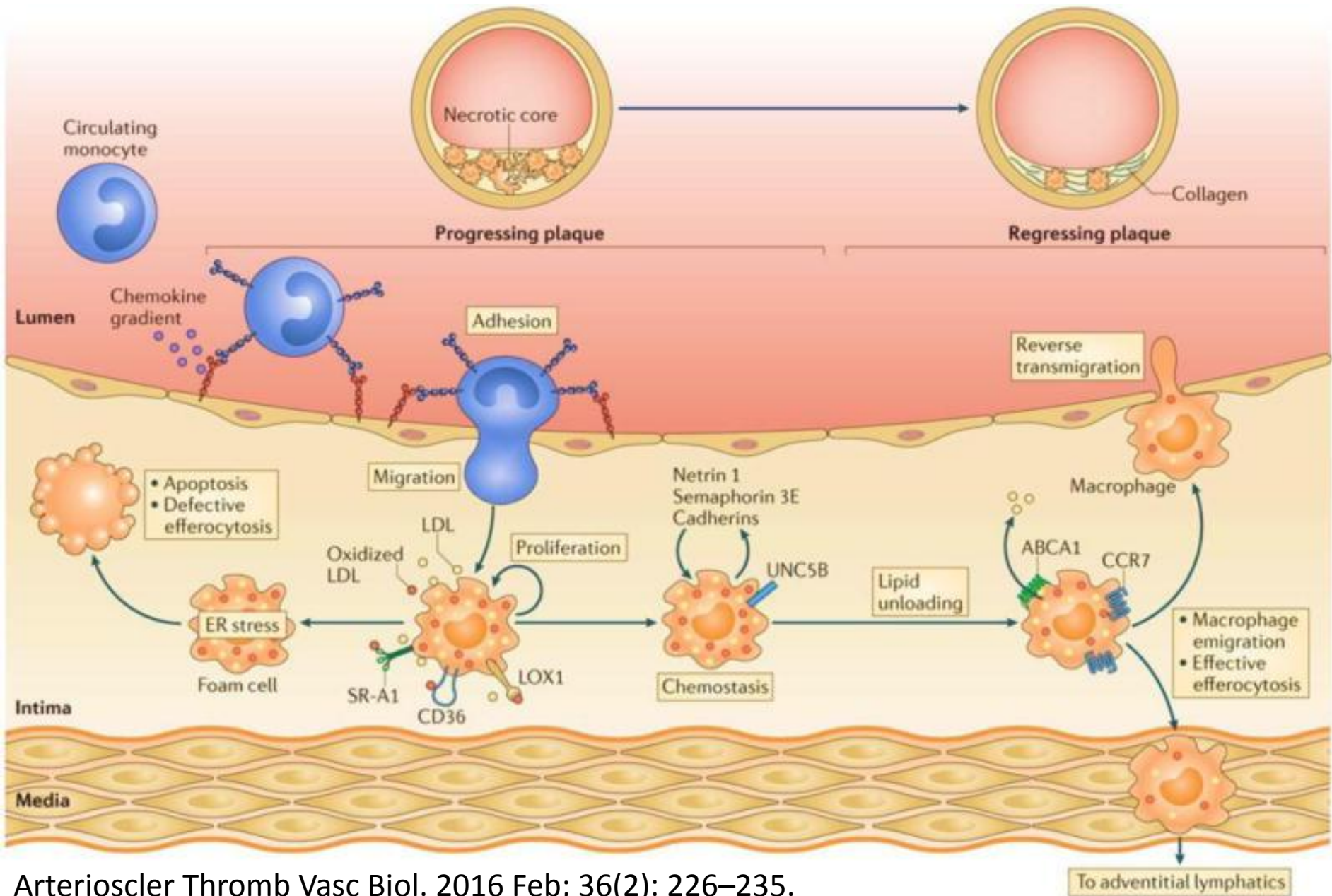
Artery atherosclerosis refers to arteries accumulated with cholesterol resulting in blockage of blood flow



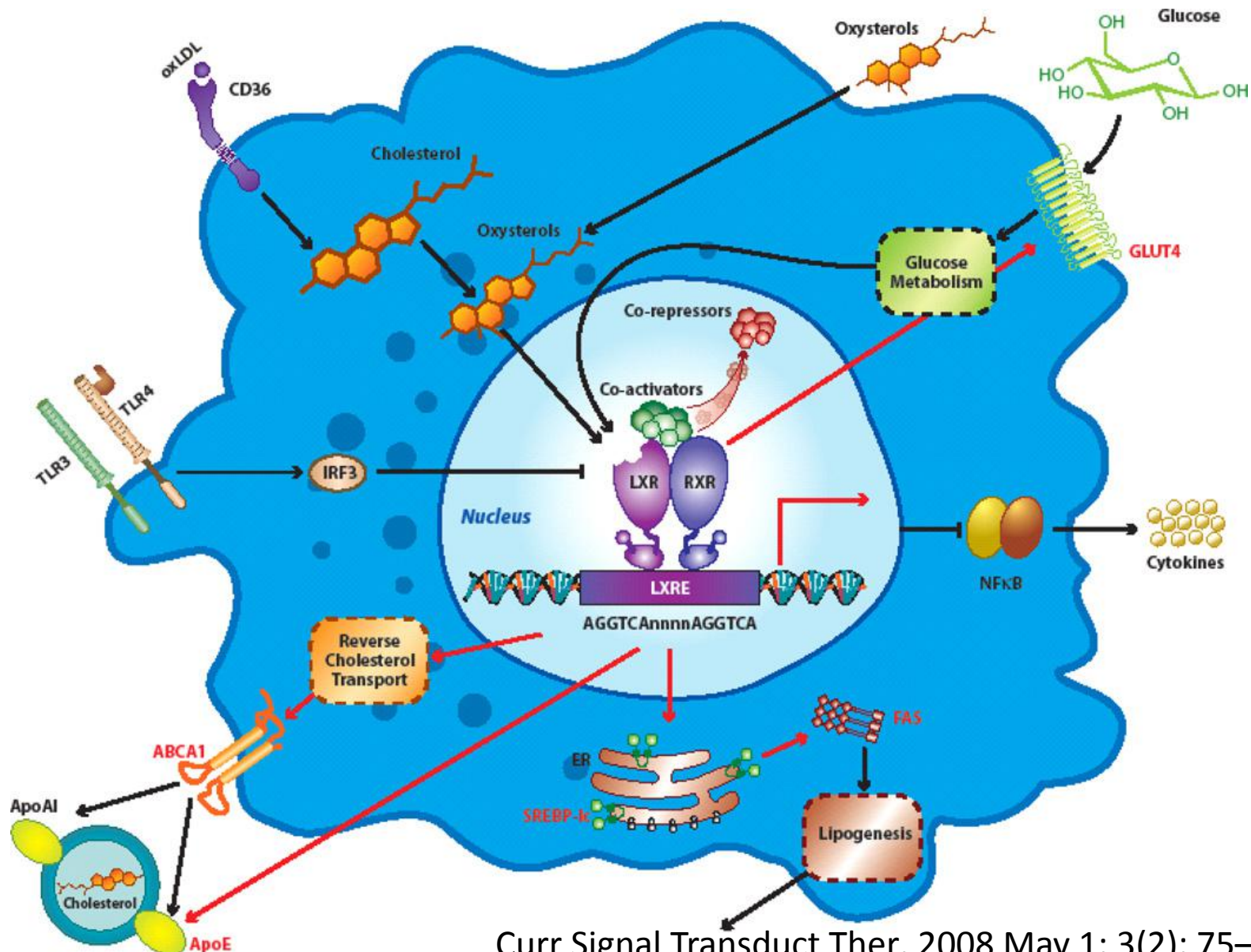
Atherosclerosis in heart results in heart attack

Atherosclerosis in brain results in blockage stroke

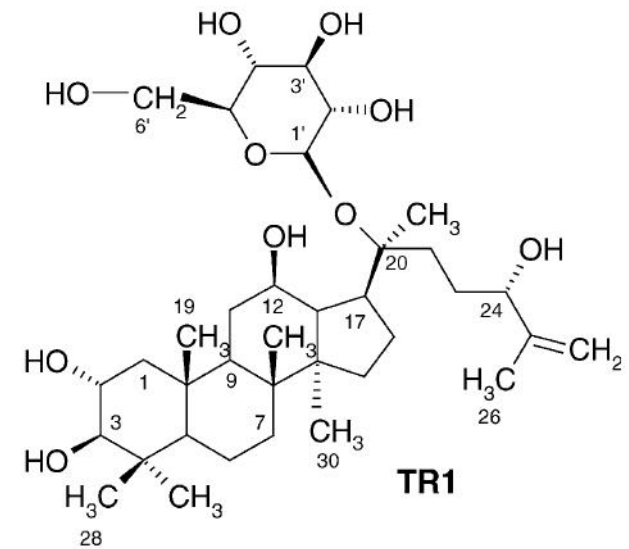
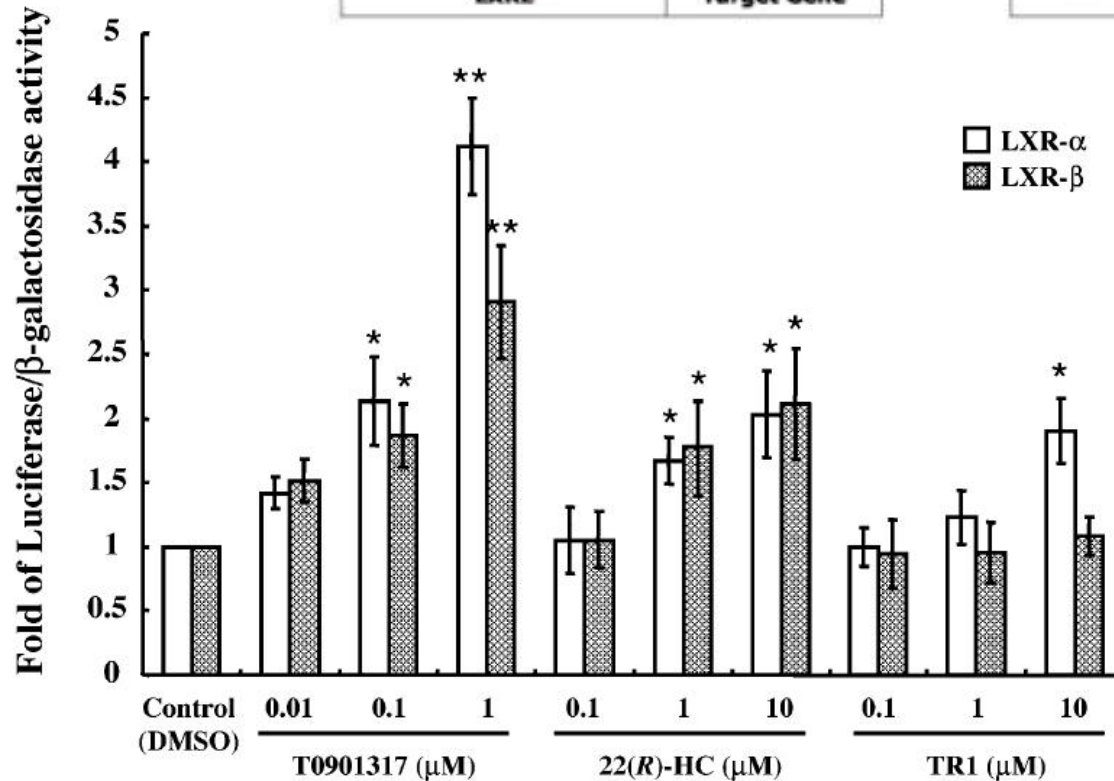
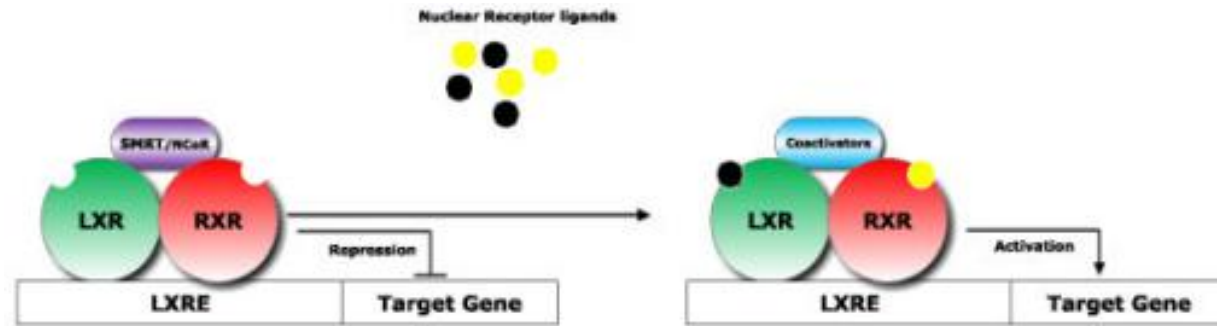
Molecular Mechanism of Atherosclerosis Formation



Nuclear receptor LXR as therapeutic target against atherosclerosis



Ginsenoside TR1 modulates LXR biological activity



Atherosclerosis formation is delayed by ginsenosides in vivo

