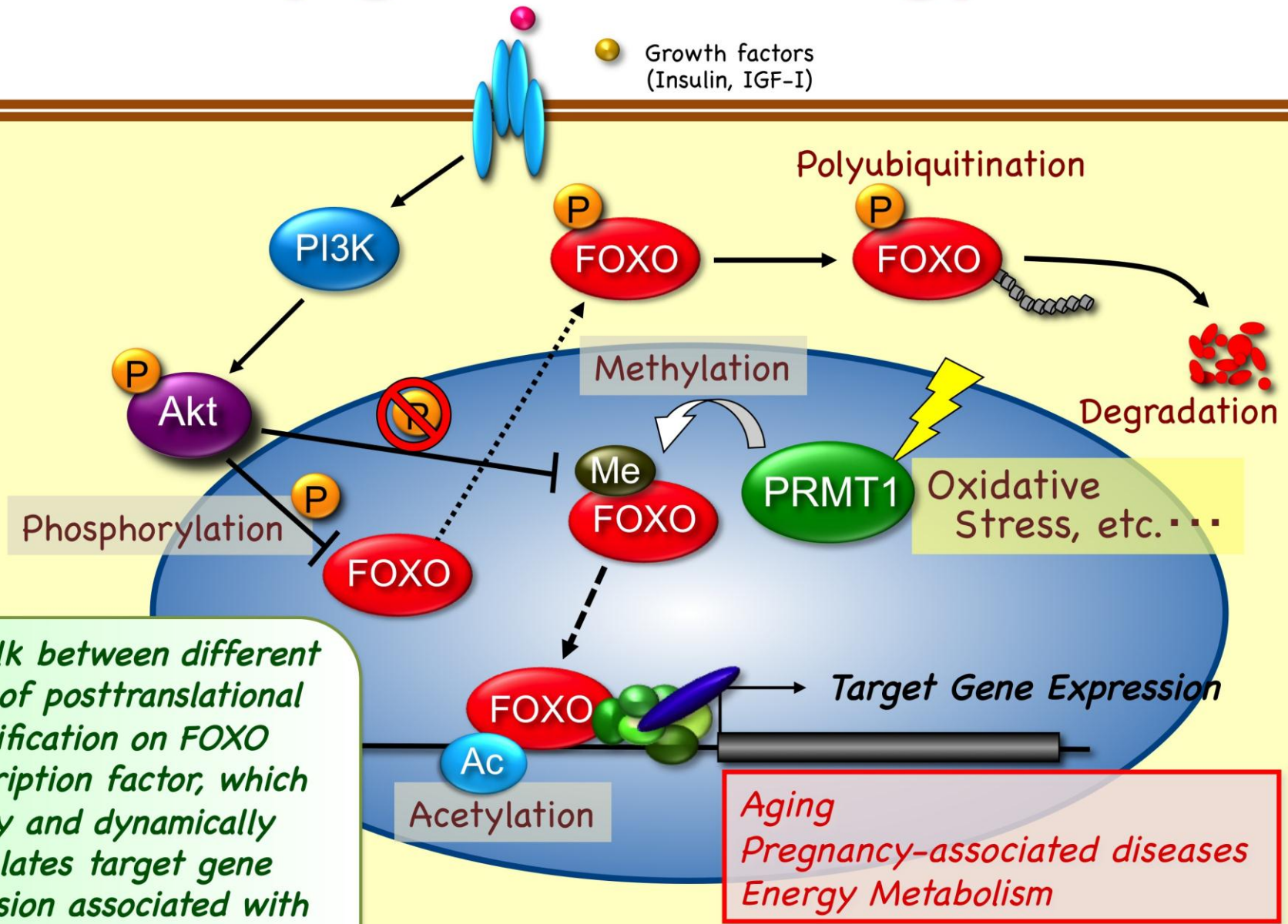


Epigenomic Biology



Crosstalk between different types of posttranslational modification on FOXO transcription factor, which finely and dynamically regulates target gene expression associated with aging and energy metabolism.

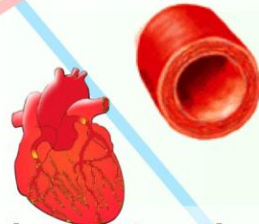


maintenance of homeostasis

VS

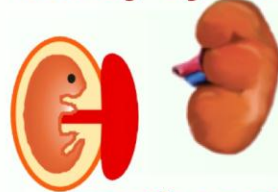


hypertension
atherosclerosis



hypertrophy
cardiac dysfunction

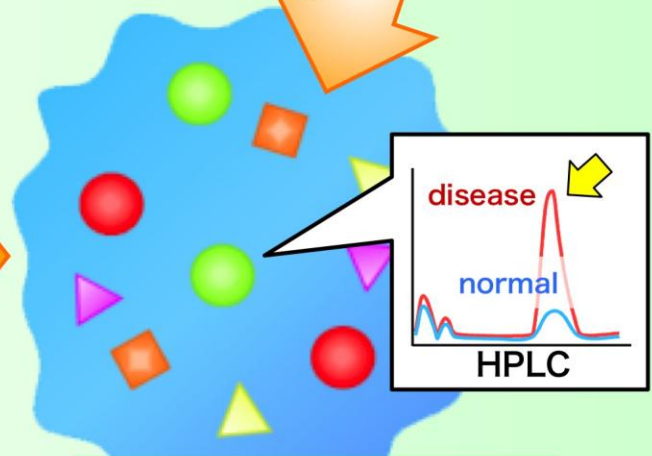
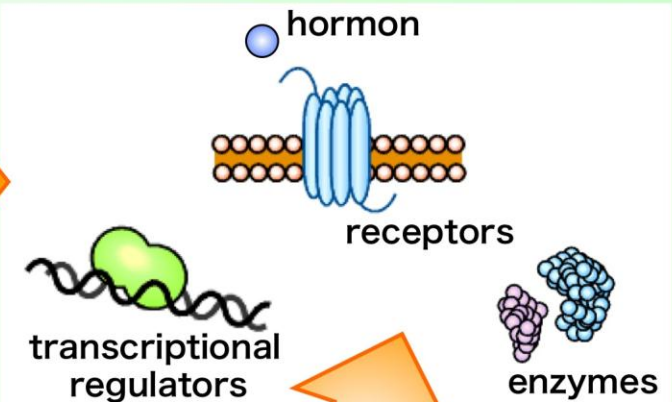
proteinuria
kidney dysfunction



growth restriction
fetal defects

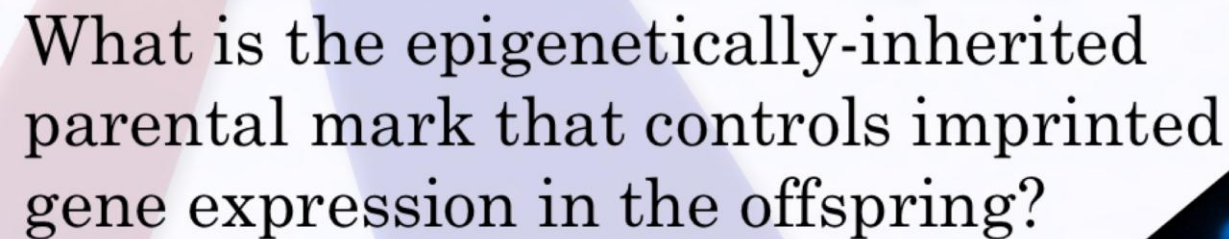
Mouse Models of Human Cardiovascular Diseases

Analysis of Molecular Mechanisms



Analysis of Intrinsic Functional Small Molecules

Elucidation of the fundamental principles on homeostatic mechanism and pathophysiology of cardiovascular disorders



Transgene