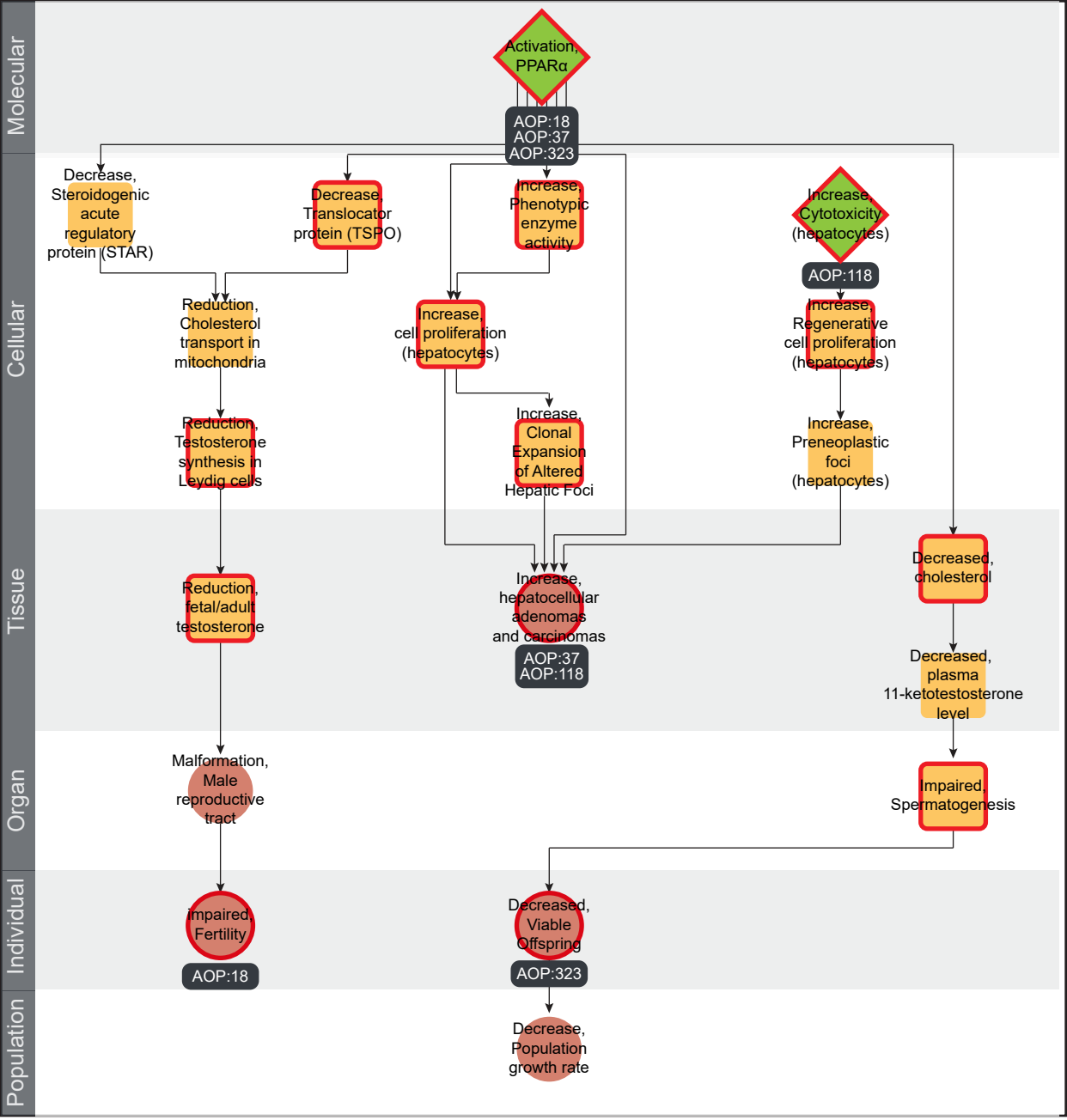
Molecular
Cellular
Tissue
Organ
Individual
Population
Activation, PPARα
AOP:18
AOP:37
AOP:323
Decrease, Steroidogenic acute regulatory protein (STAR)
Decrease, Translocator protein (TSPO)
Increase, Phenotypic enzyme activity
Increase, Cytotoxicity (hepatocytes)
AOP:118
Reduction, Cholesterol transport in mitochondria
Increase, cell proliferation (hepatocytes)
Increase, Regenerative cell proliferation (hepatocytes)
Reduction, Testosterone synthesis in Leydig cells
Increase, Clonal Expansion of Altered Hepatic Foci
Increase, Preneoplastic foci (hepatocytes)
Decreased, cholesterol
Reduction, fetal/adult testosterone
Increase, hepatocellular adenomas and carcinomas
AOP:37
AOP:118
Decreased, plasma 11-ketotestosterone level
Malformation, Male reproductive tract
Impaired, Spermatogenesis
Impaired, Fertility
AOP:18
Decreased, Viable Offspring
AOP:323
Decrease, Population growth rate
Molecular Initiating Event (MIE)
Key Event (KE)
Adverse Outcome (AO)
Key events associated with DEHP