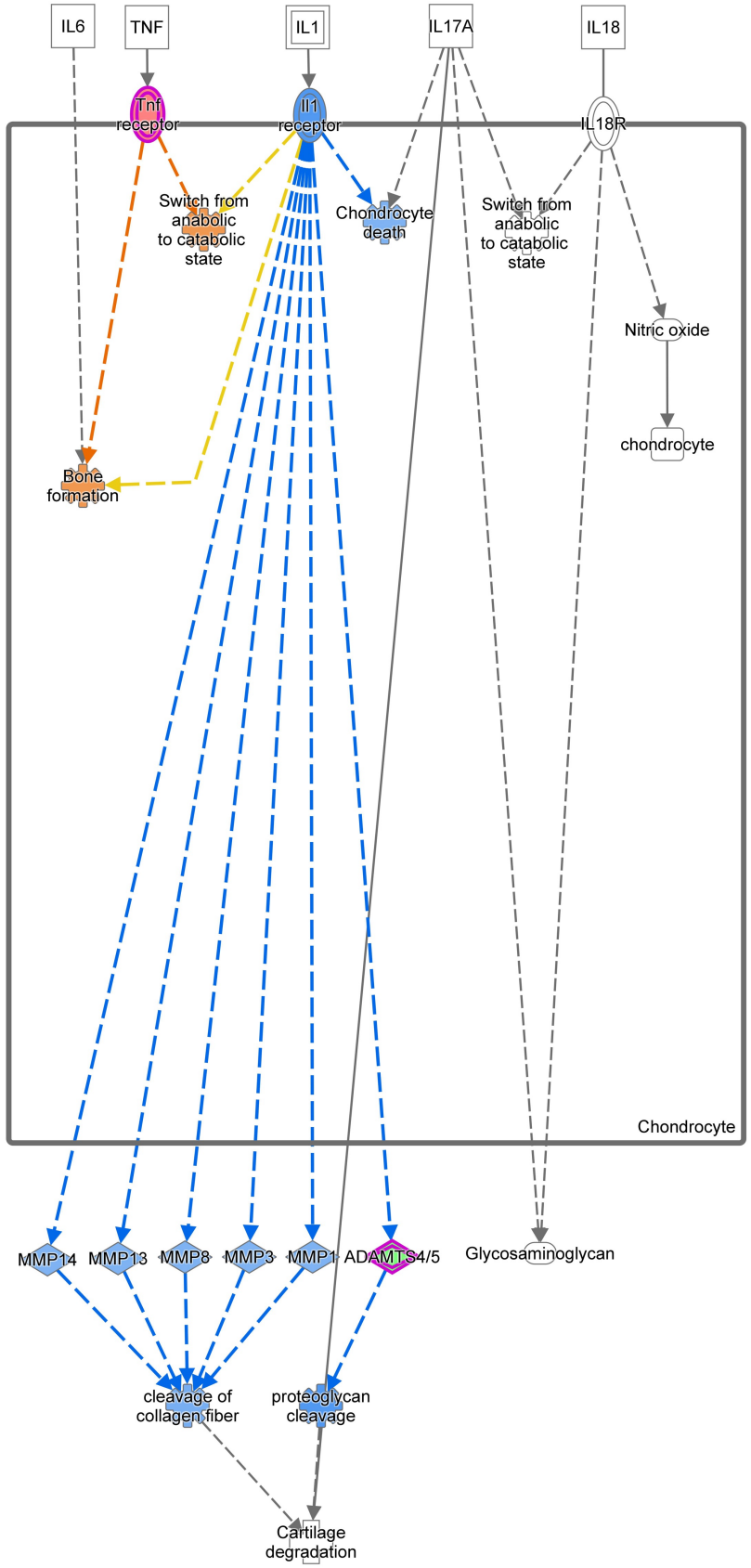
IL6
TNF
IL1
IL17A
IL18
Tnf receptor
Il1 receptor
IL18R
Switch from anabolic to catabolic state
Chondrocyte death
Switch from anabolic to catabolic state
Nitric oxide
chondrocyte
Bone formation
Chondrocyte
MMP14
MMP13
MMP8
MMP3
MMP1
ADAMTS4/5
Glycosaminoglycan
cleavage of collagen fiber
proteoglycan cleavage
Cartilage degradation