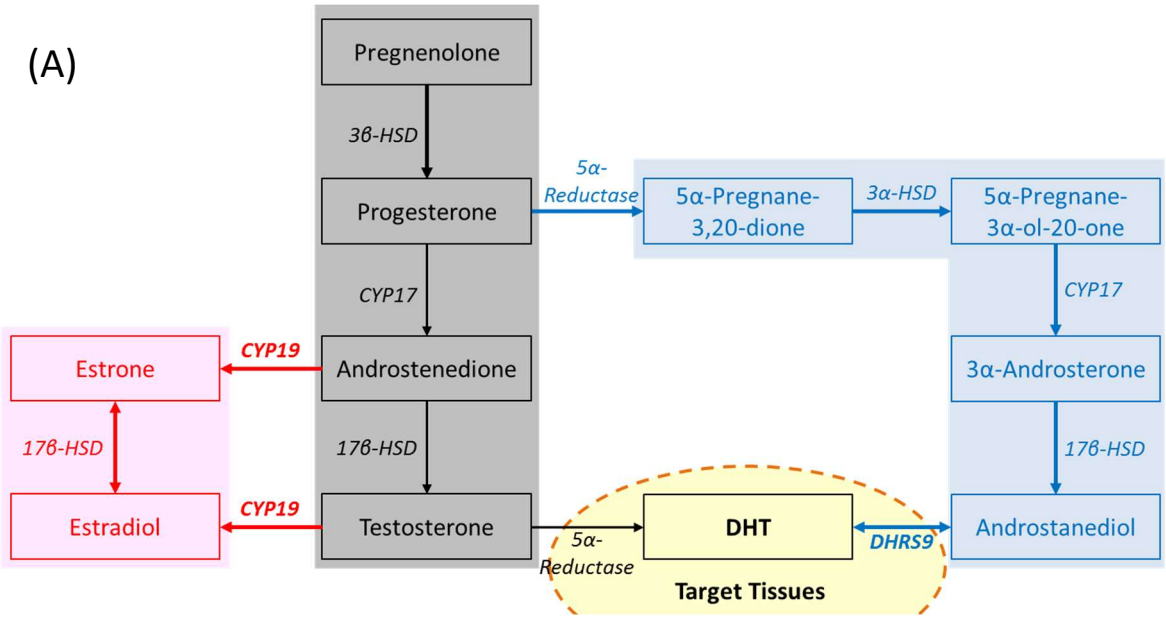
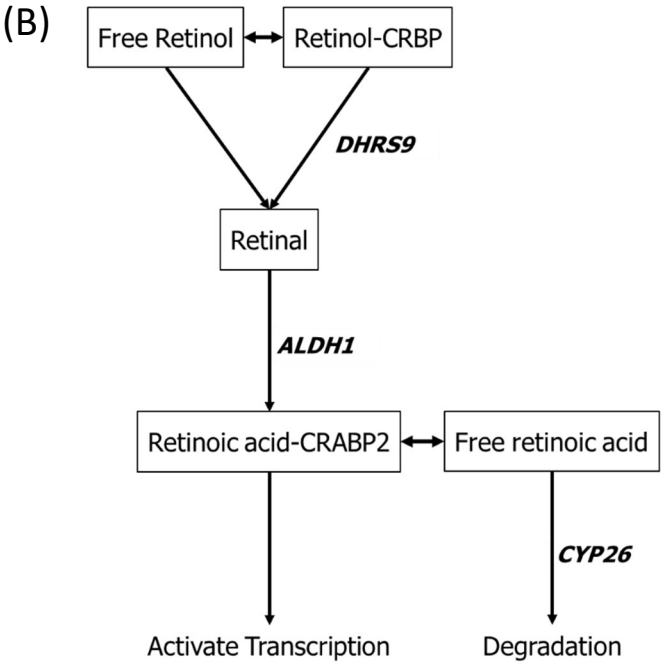

(A)
Pregnenolone
3β-HSD
Progesterone
CYP17
Androstenedione
17β-HSD
Testosterone
CYP19
Estrone
17β-HSD
Estradiol
CYP19
5α-
Reductase
5α-Pregnane-
3,20-dione
3α-HSD
5α-Pregnane-
3α-ol-20-one
CYP17
3α-Androsterone
17β-HSD
Androstanediol
5α-
Reductase
DHT
DHRS9
Target Tissues


(B)
Free Retinol
Retinol-CRBP
DHRS9
Retinal
ALDH1
Retinoic acid-CRABP2
Free retinoic acid
CYP26
Activate Transcription
Degradation