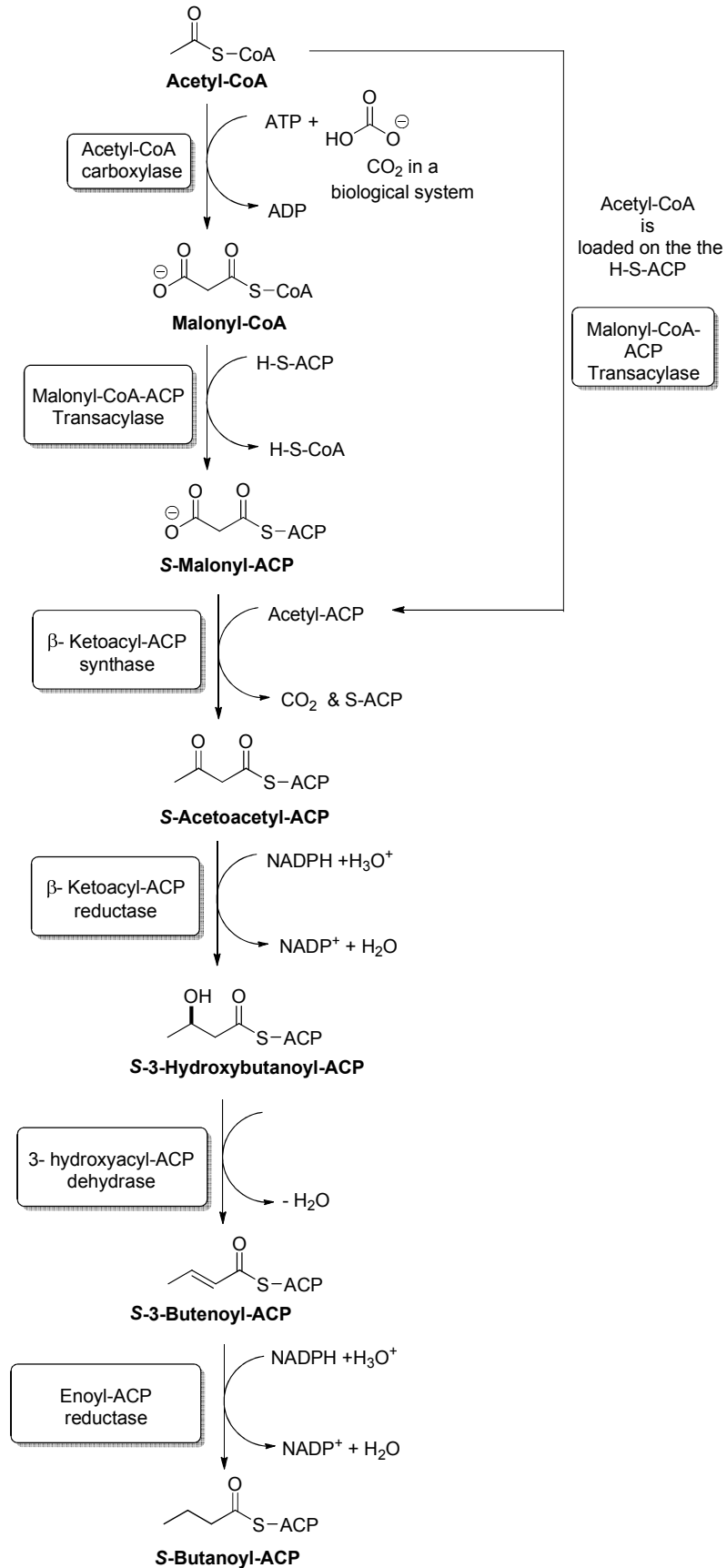
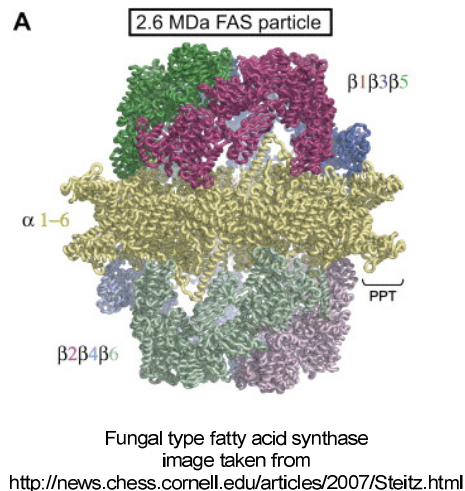
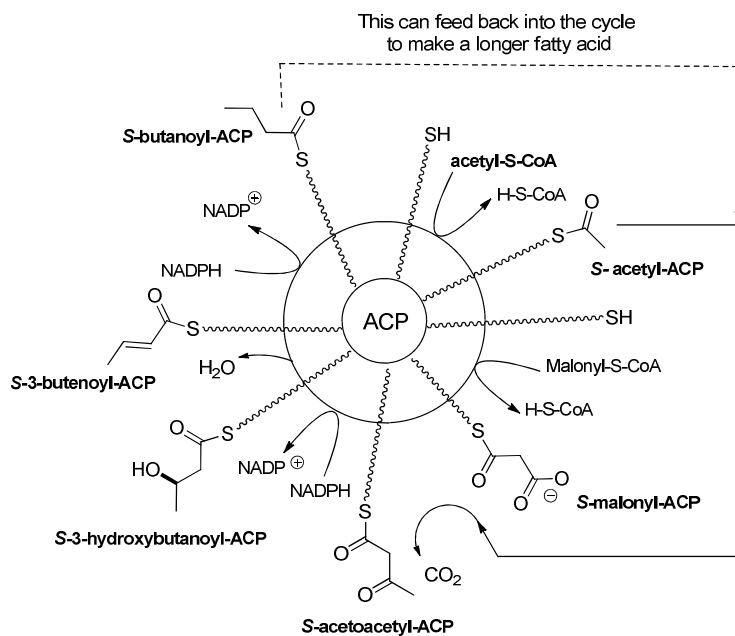


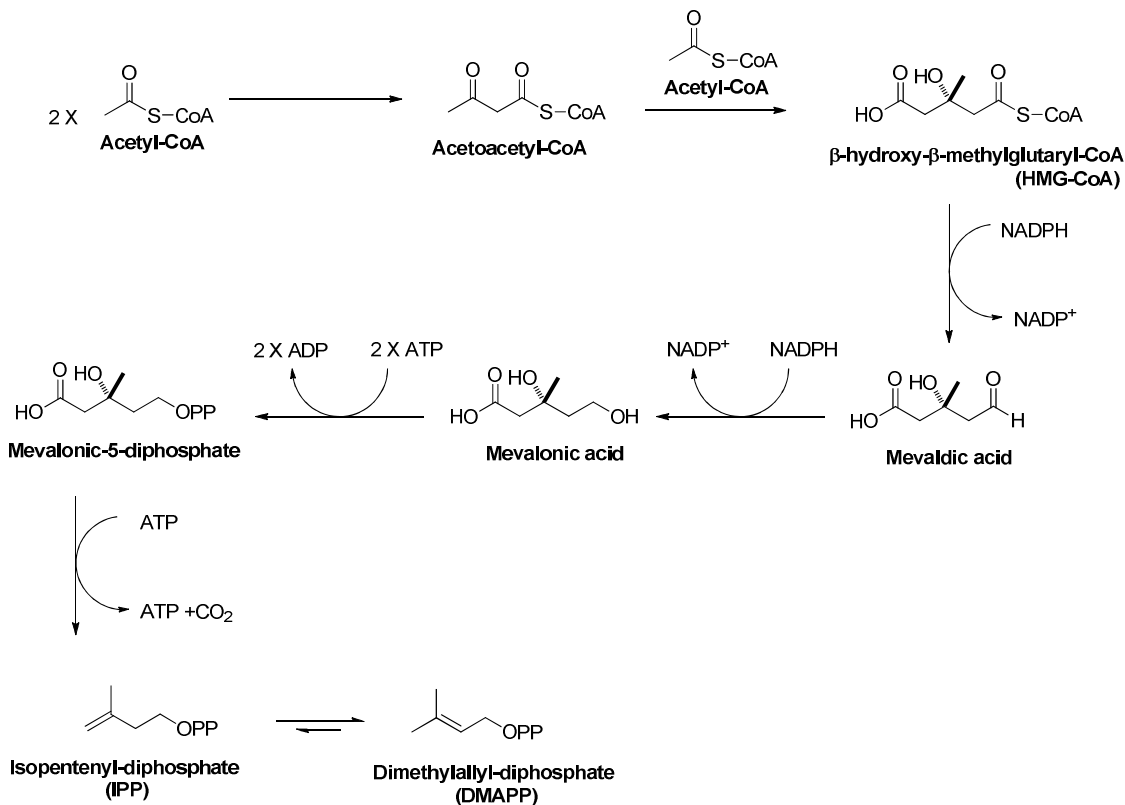
Fatty Acid Biosynthesis





A swinging arm mechanism in the eukaryotic fatty synthases complex
Image recreated from Mathews and van Holde: Biochemistry 2nd Edition

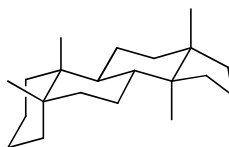
Biosynthesis of isopentenyl-diphosphate (IPP) and Dimethylallyl-diphosphate (DMAPP)



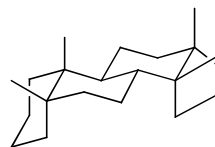
Stereochemistry of A,B,C and D rings of Steroids



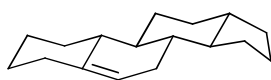
All-*trans*



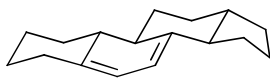
A/B cis



A/B cis, C/D cis



Δ^5 -unsaturation



$\Delta^{5,7}$ -unsaturation



Δ^4 -unsaturation



A ring aromatic