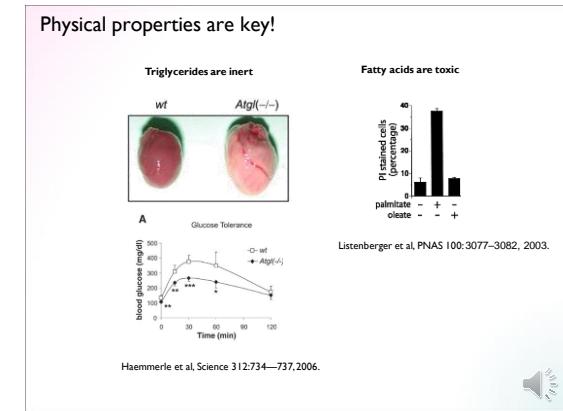
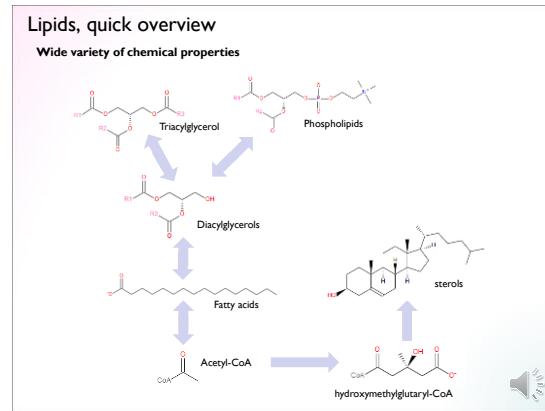


Course 285I Principles of Metabolism
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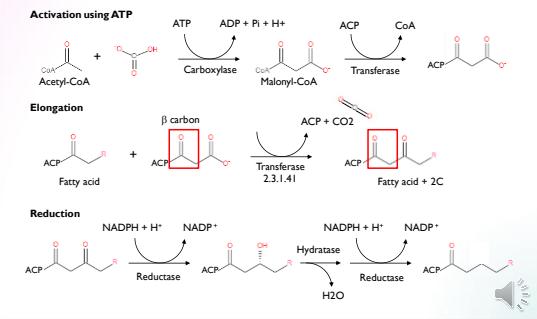
Lecture 14
Fatty acids and sterols

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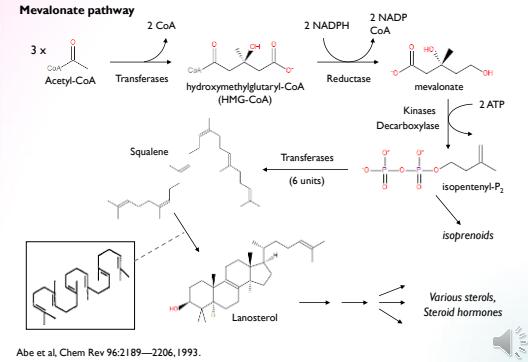


Fatty acid synthesis

- Reductive process, forms C-C bonds, uses NADPH
- Chain is elongated 2 carbons at a time, but with a 3-carbon intermediate.



Sterol synthesis



Lipids are functionally specialized!

