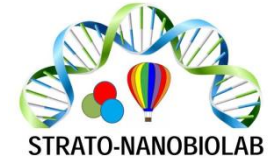


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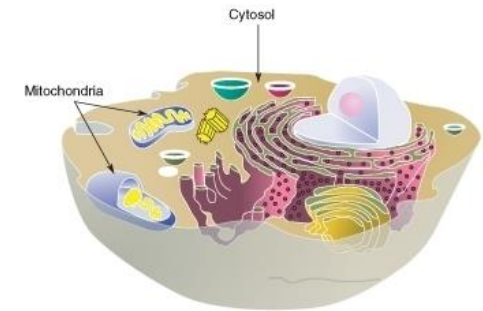


ASTROBIOLOGIE: Nejdůležitější biochemické cykly života

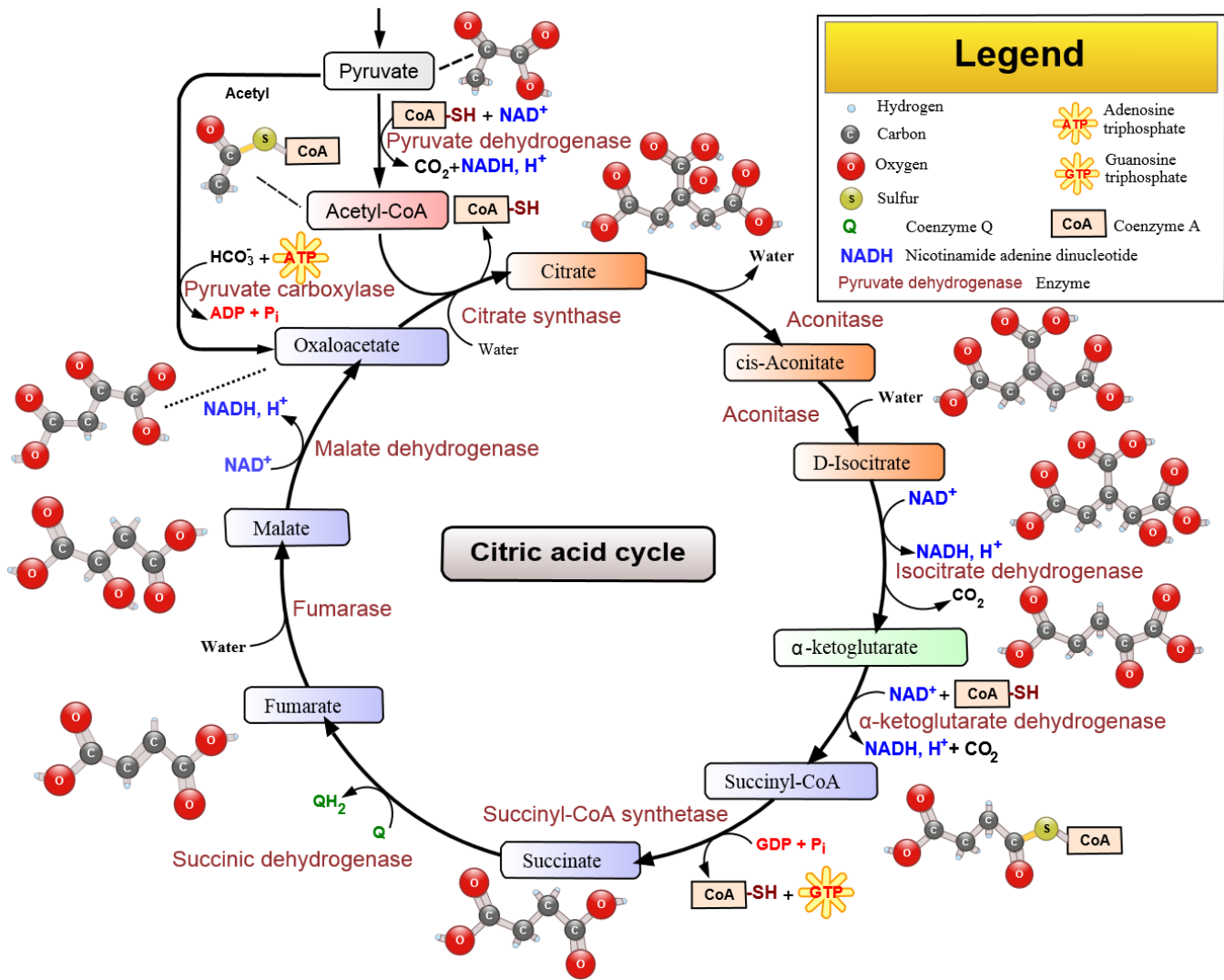
René Kizek

26. 02. 2015, 12:00 – 13:00 h

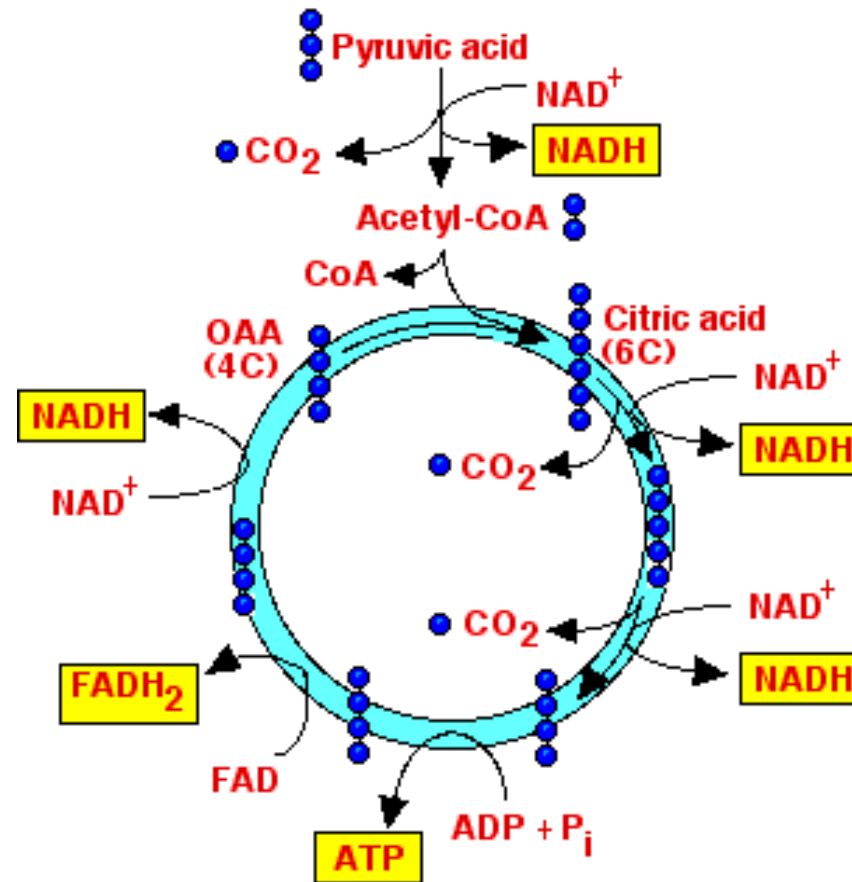
Laboratoř metalomiky a nanotechnologií, Mendelova univerzita v Brně, Zemědělská 1,
Místnost CEITEC, Kontakt: kizek@sci.muni.cz

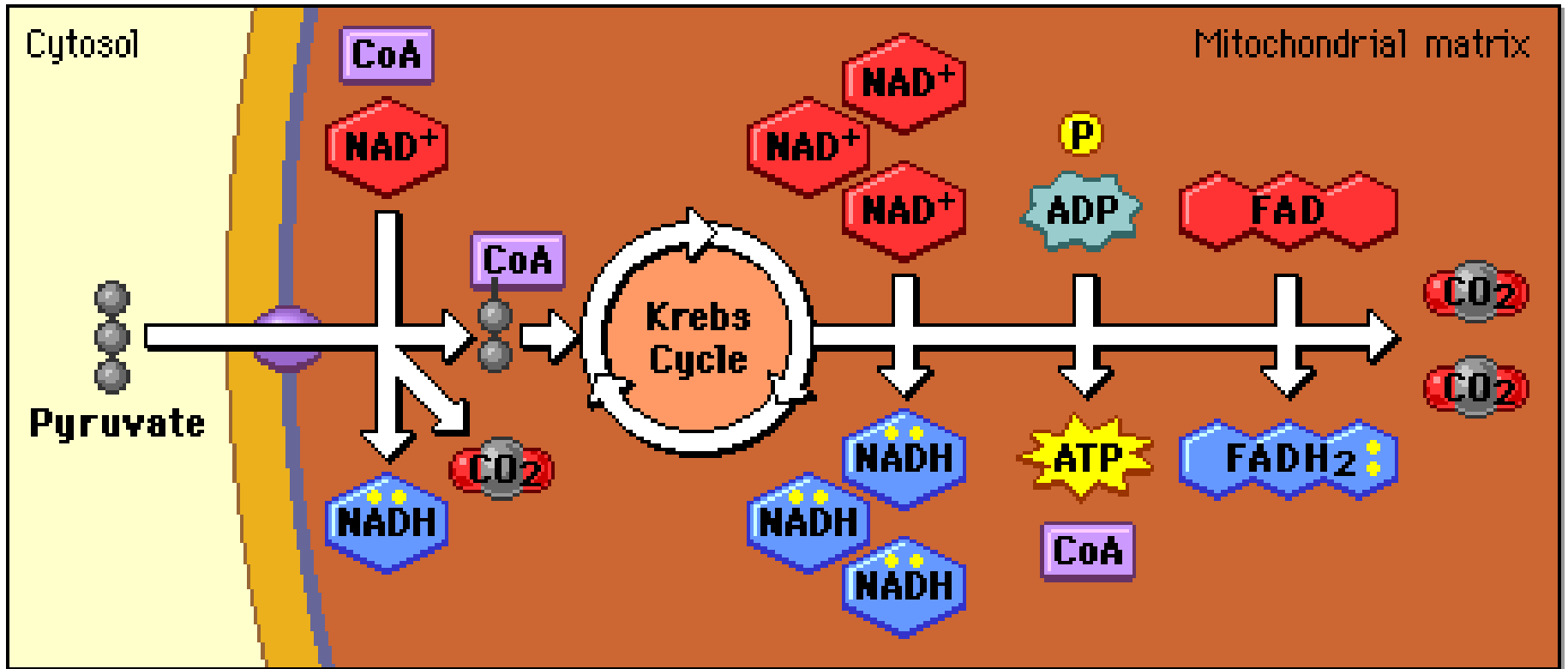


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Krebs Cycle (Citric Acid Cycle)





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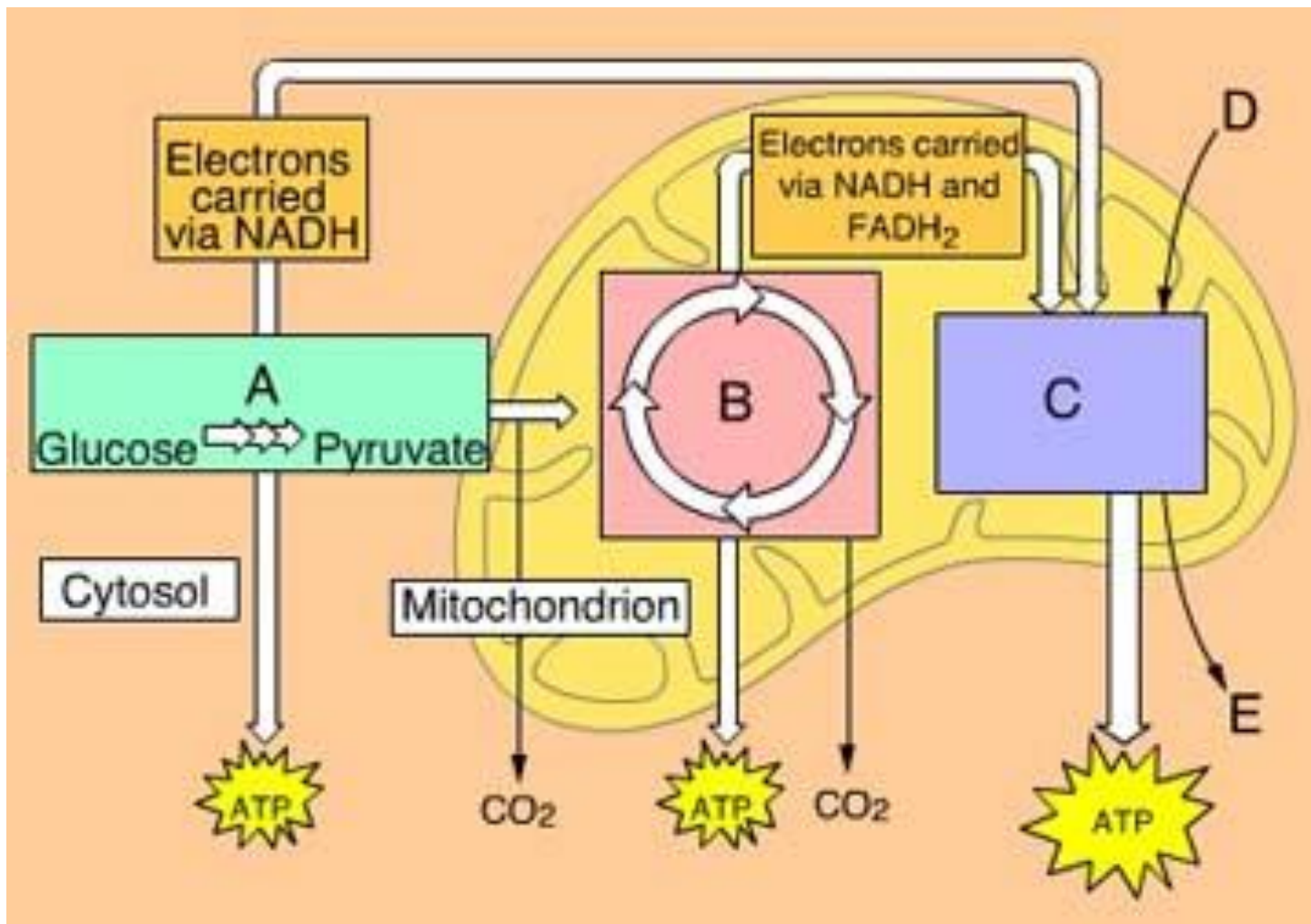
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SPOLOČNE BEZ HRANÍČ

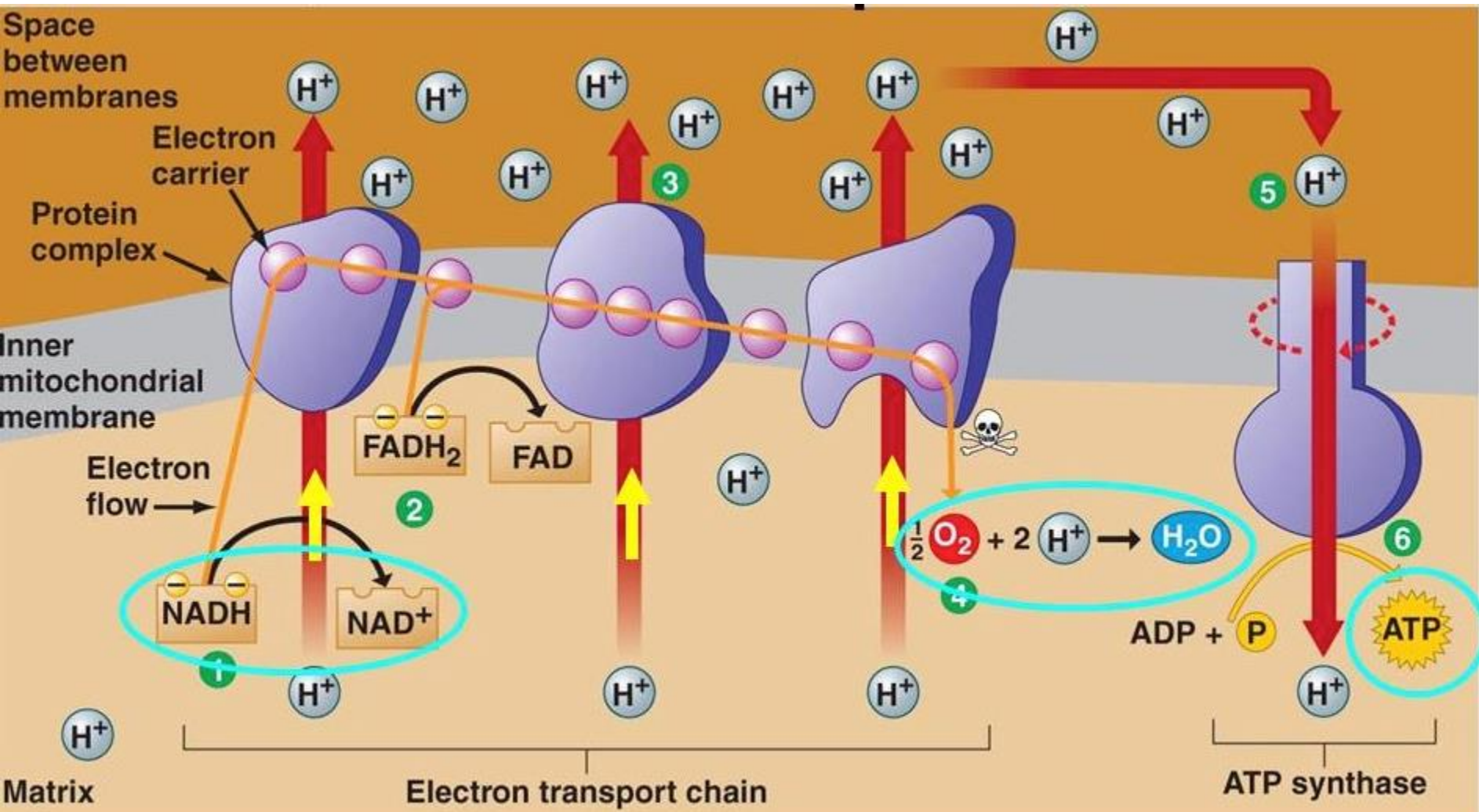


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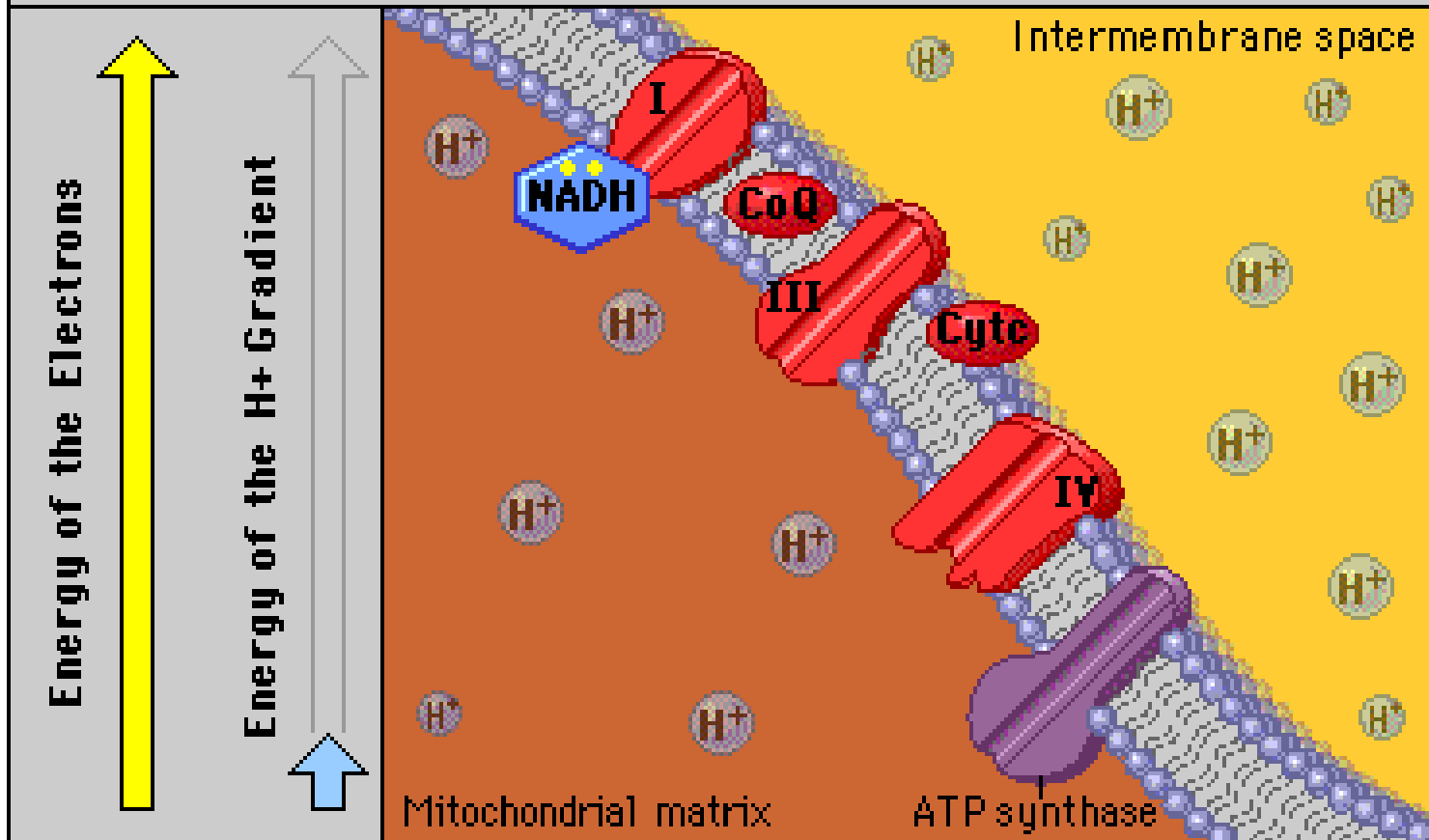


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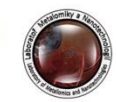
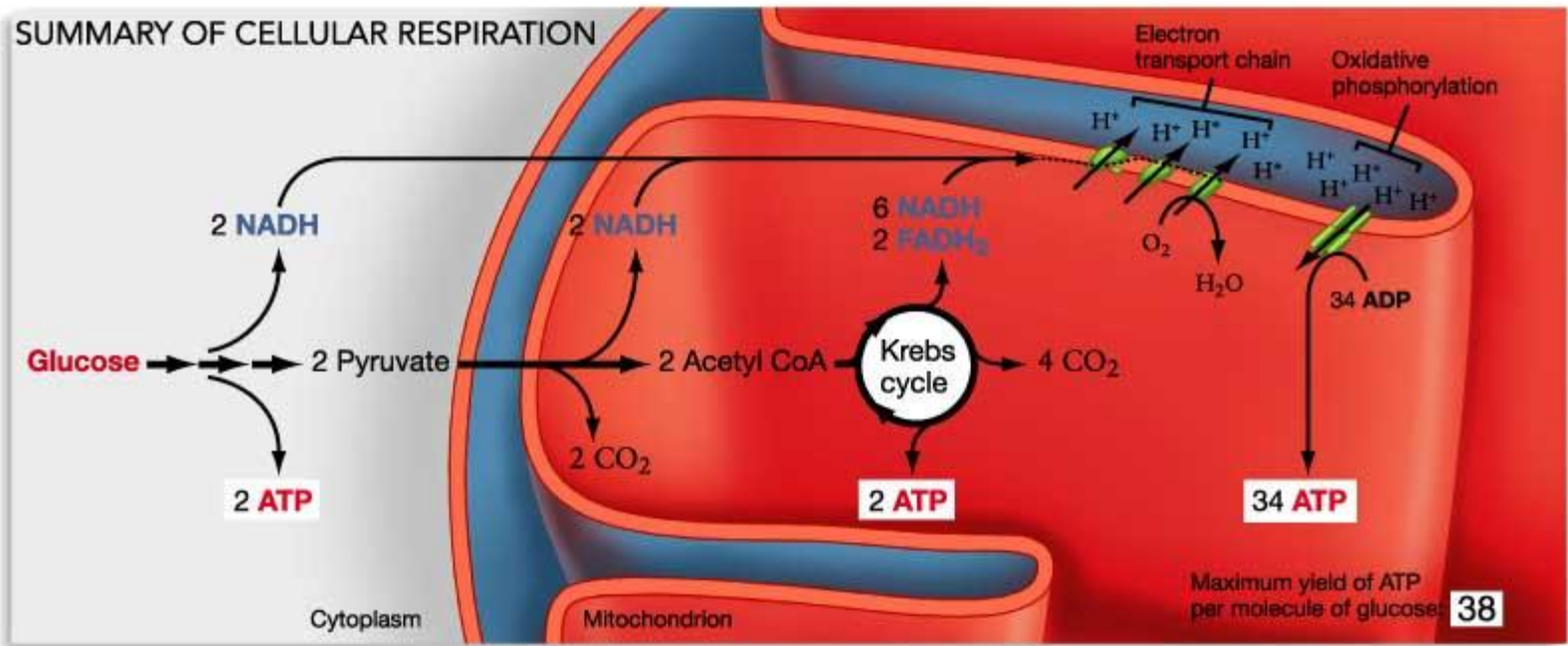




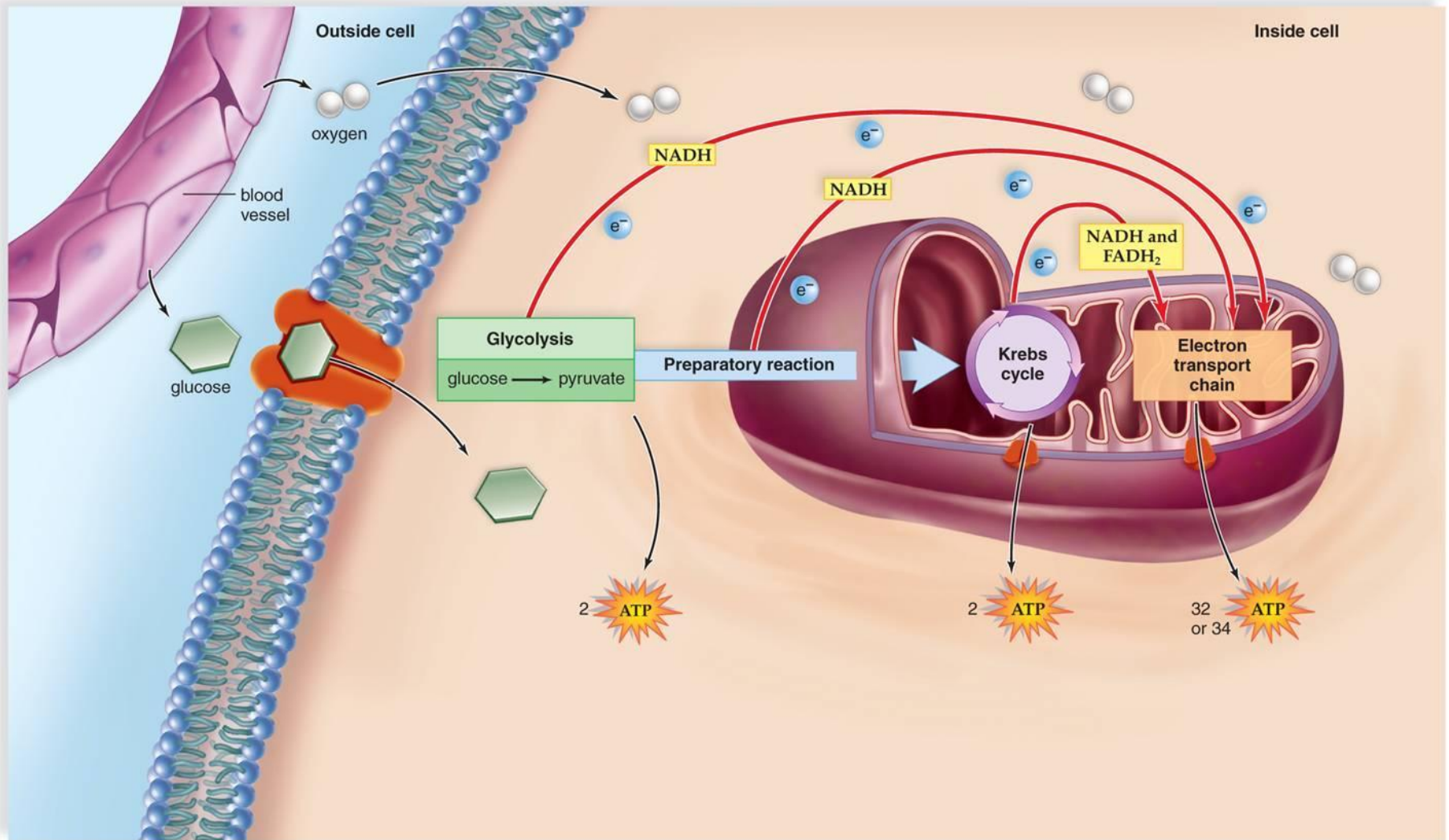
NADH passes electrons to complex I. Energy is released when the electrons are transported down the energy gradient from complex I to complex IV. The released energy moves protons (H^+) against their electrochemical gradient, from the matrix to the intermembrane space.

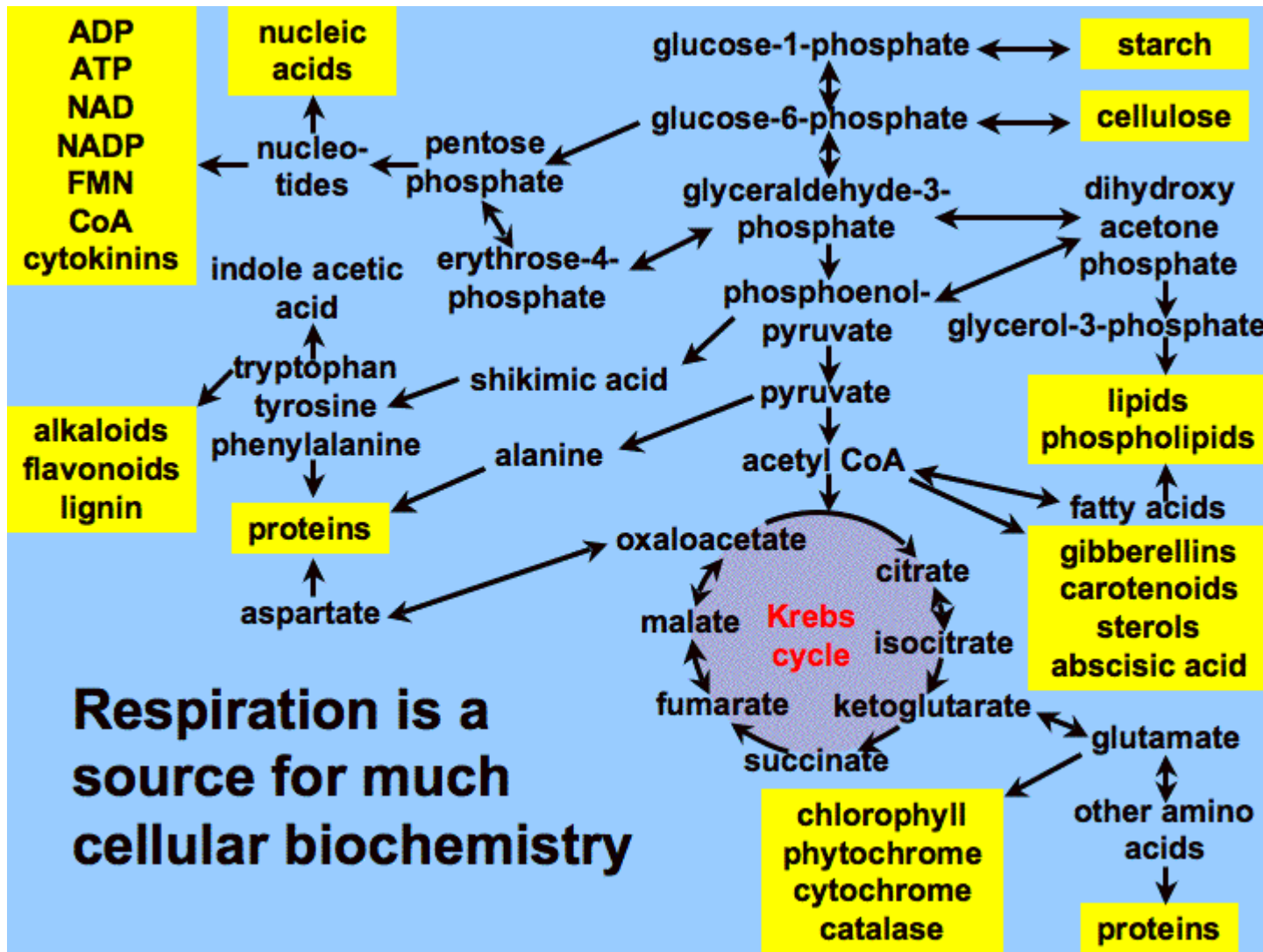


SUMMARY OF CELLULAR RESPIRATION

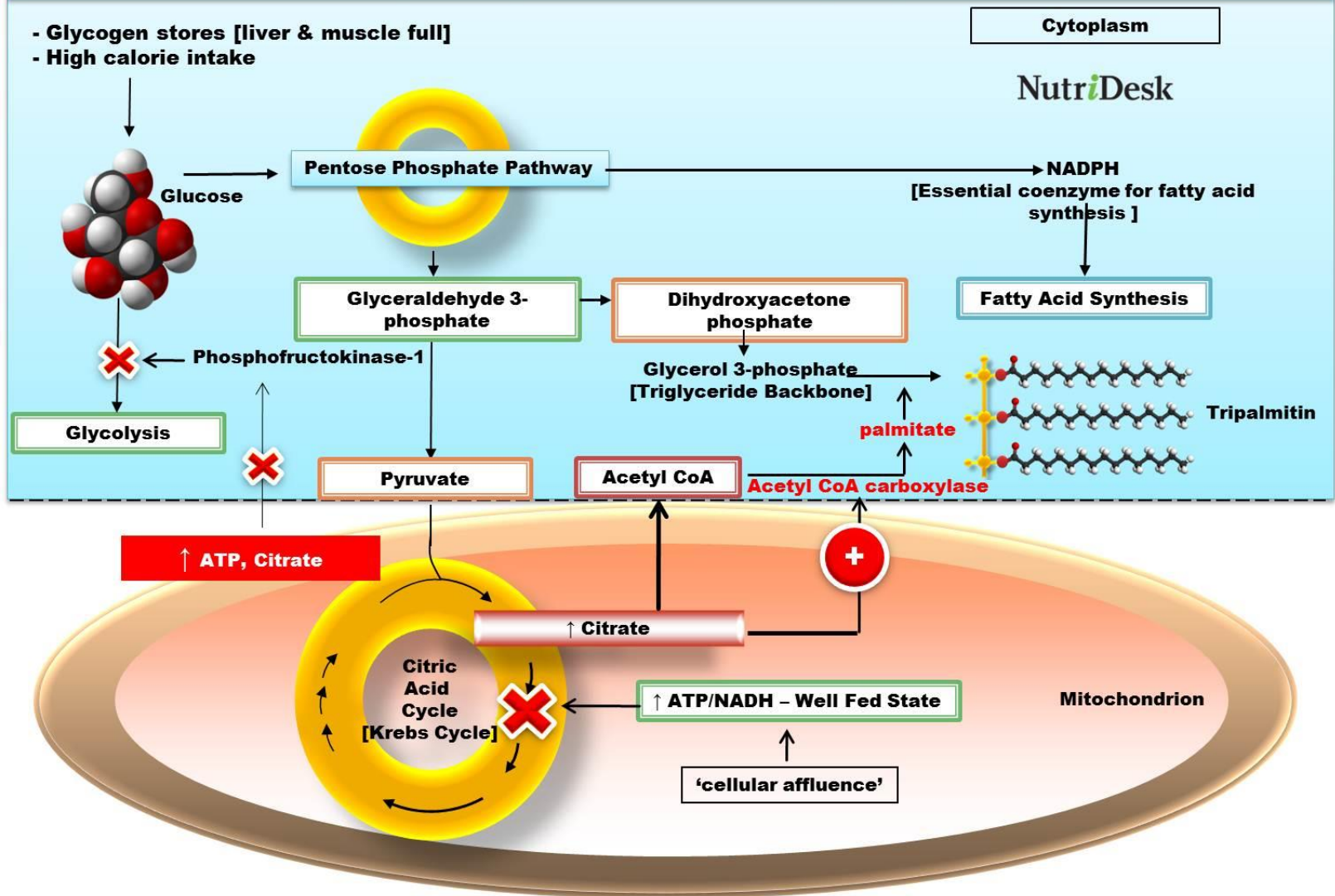


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Excess glucose: Fatty acid synthesis in liver, adipocyte and lactating breast



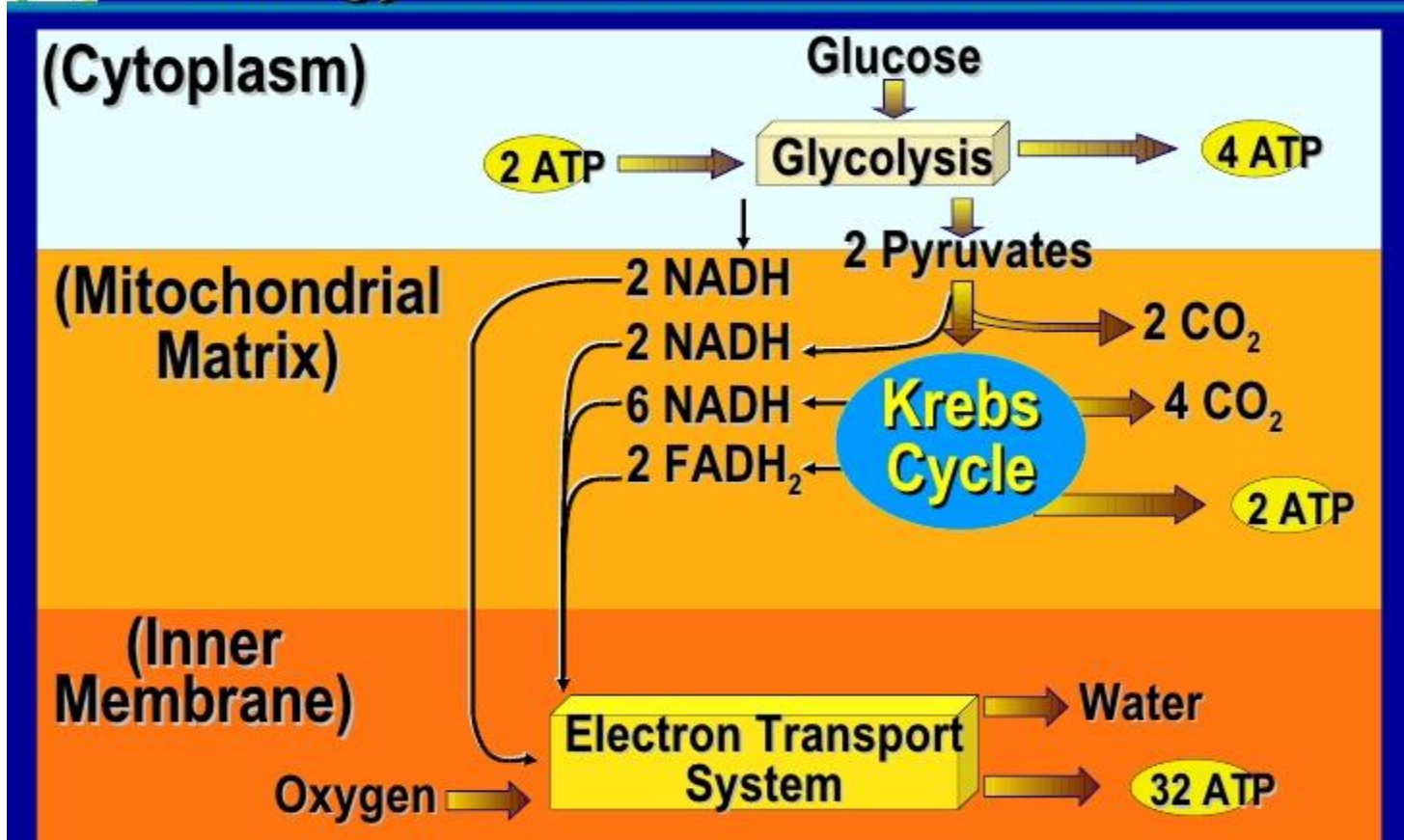
A NutriDesk Graphic: © Dr Rodney Lopez 2009. All Rights Reserved

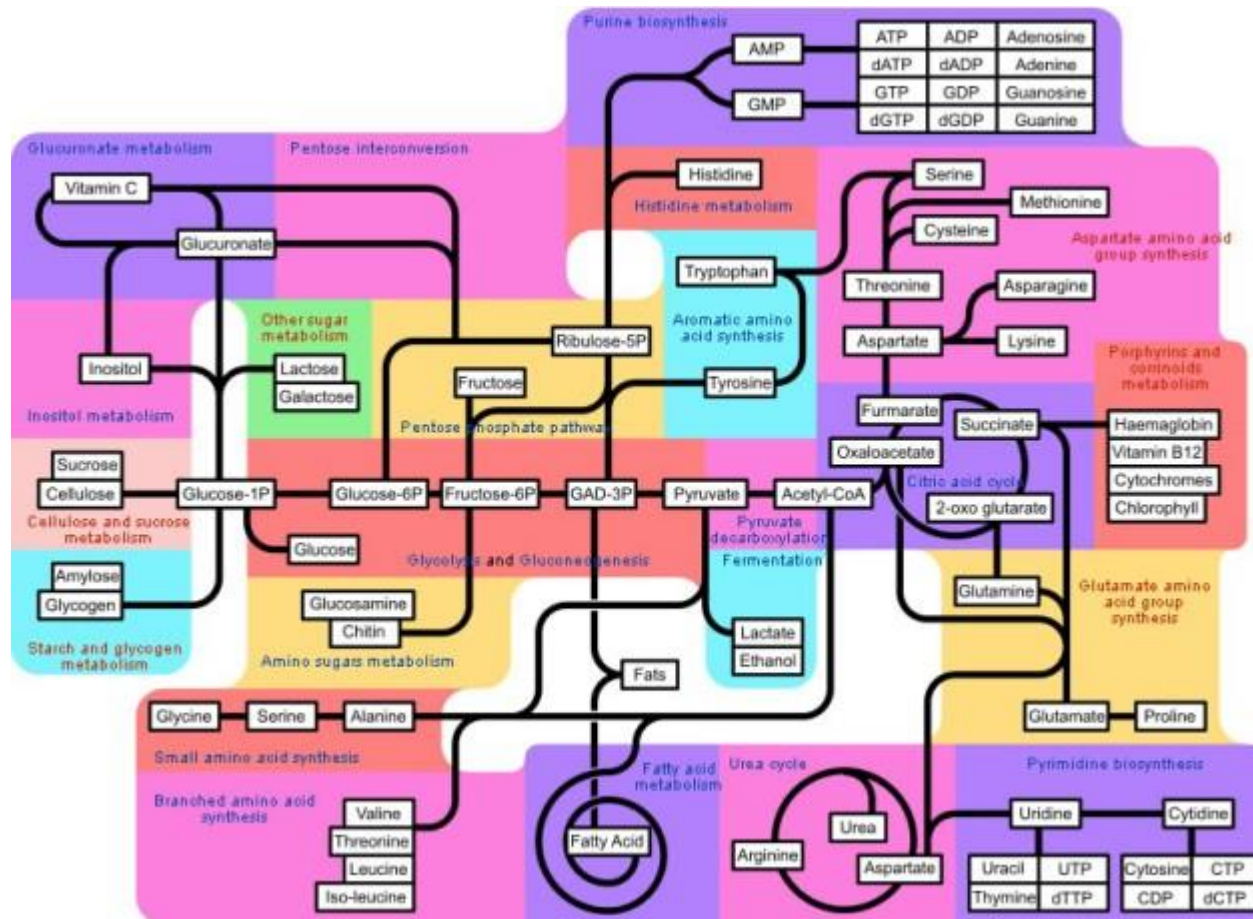
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Energy Harvested from Glucose





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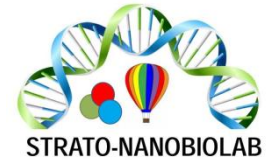


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