

<p>Fight or flight responses</p>	<p>5' cap added so ribosome can bind</p> <p>Poly-A tail added to prevent degradation when mRNA leaves nucleus.</p>	<p>Glycosidic linkages</p>	<p>Produce T3, T4 (metabolic hormones) & calcitonin (reduces blood calcium levels)</p>
<p>A stop codon</p>	<p>Negative – brings system back to set point</p> <p>Positive – reinforces change away from the set point</p>	<p>Long term stress hormone:</p> <p>↑ metabolism,</p> <p>↑ blood amino acids,</p> <p>↑ fat breakdown,</p> <p>Anti-inflammatory,</p> <p>↓ immune system</p>	<p>Anaerobic respiration, glycolysis only & fermentation</p>
<p>It takes more energy to maintain body temperatures (more O₂ to mitochondria to make more ATP)</p>	<p>Substrate level – uses enzyme to add phosphate</p> <p>Oxidative – uses oxygen to drive redox reactions that cause addition of phosphate</p> <p>Photo- uses energy to cause addition of phosphate</p>	<p>5' to 3'</p>	<p>Filtration – materials move from blood to nephron (passively)</p> <p>Reabsorption – high value molecules moved back into blood (passive & active)</p> <p>Secretion – unwanted materials moved into nephron (actively)</p> <p>Excretion – remaining waste leaves nephron as urine</p>

<p>Currently</p> <p>1</p>	<p>Recently</p> <p>2</p>	<p>A While Back...</p> <p>3</p>	<p>A Long Time Ago...</p> <p>4</p>
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