

<p>A person eats fats, carbohydrates, and proteins at a meal.</p>	<p>The small intestine digests the large food molecules into fatty acids, glucose and amino acids.</p>	<p>Fatty acids, glucose, and amino acids make their way into the bloodstream.</p>
<p>The three tiny food components go into the cell.</p>	<p>Glucose goes to the mitochondria and amino acids make their way to ribosomes</p>	<p>Mitochondria perform the process of cellular respiration, releasing energy from the glucose (sugar) bonds and make ATP</p>
<p>ATP is delivered to the endoplasmic reticulum where ribosomes are able to now build protein from the amino acids.</p>	<p>As thousands of different proteins are made, they are used to build the cell bigger.</p>	<p>Once the cell is big enough, it is now able to pinch in half into 2 mini cells. The process starts all over and these 2 mini cells become full grown over time.</p>