

The Circle of ATP

By : jp23

If you're wondering what kind of nerd would take the lyrics of a popular Disney song and replace the words to make the song about cellular respiration, it would be the nerdhood to which I belong. This is what happened when I got bored with making a notecard for a Biology test. NERD PRIDE!!!! (See what I did there? Pride, like a lion pride) Giving credit where credit is due: The poem/song is written to the beat of Elton John's version of "The Circle of Life." The title of this work is also an adaptation of the song's title.

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The Circle of ATP

From the day your cells divided in two,
A catabolic process ran;
There's more to be seen than can ever be seen,
More than a standard microscope can.
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Glycolysis takes two ATP
Don't fret, you'll get four back.
To more of it yield, an O you must now wield
To produceÂ even more energy!

An ATP cycle,

Products endergonic,
And it moves our cells
To work properly;
MakingÂ reactions
UsingÂ their ATP
From the process

of respiration.

Glycolysis makes two pyruvate,
Two NADH per glucose.
Then the Oxygen that breathing spawns

Go into mitochondrion.
Aerobic respiration starts,
Pyruvate to acetyl CoA.
In the cycle of Krebs

the Citrate's carbon ebbs:
2 ATP, e- carriers made

ThenÂ to the ETC
Go the e- carriers:
Transferring electrons
To make gradients.
ATP synthase
Churns thirty two ATP
In the process
of respiration.

The Circle of ATP

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An ATP cycle,
And it moves our cells
To work properly
To keep ourÂ cells well,
Using their energy, yea
FromÂ the process

of respiration.

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Using their energy, yea
FromÂ the process

of respiration

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