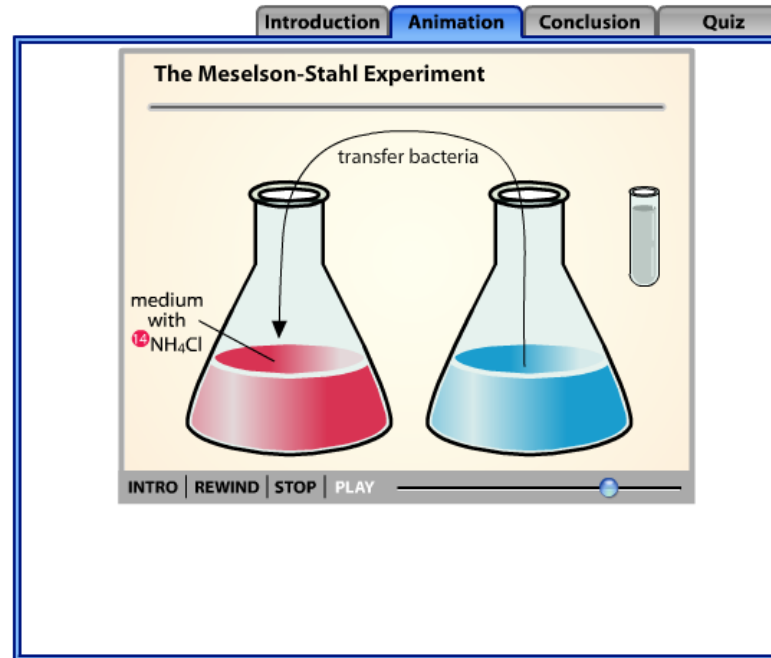


### The Meselson-Stahl Experiment

**SOURCE:** Sadava, et al., *Life: The Science of Biology*, Eighth Edition, published by Sinauer Associates. Animation © 2008 Sinauer Associates and Sumanas, Inc. *Life: The Science of Biology* is available from [Macmillan Learning](http://www.macmillanlearning.com).

**KEYWORDS:** DNA, DNA replication, Meselson-Stahl experiment, semiconservative replication

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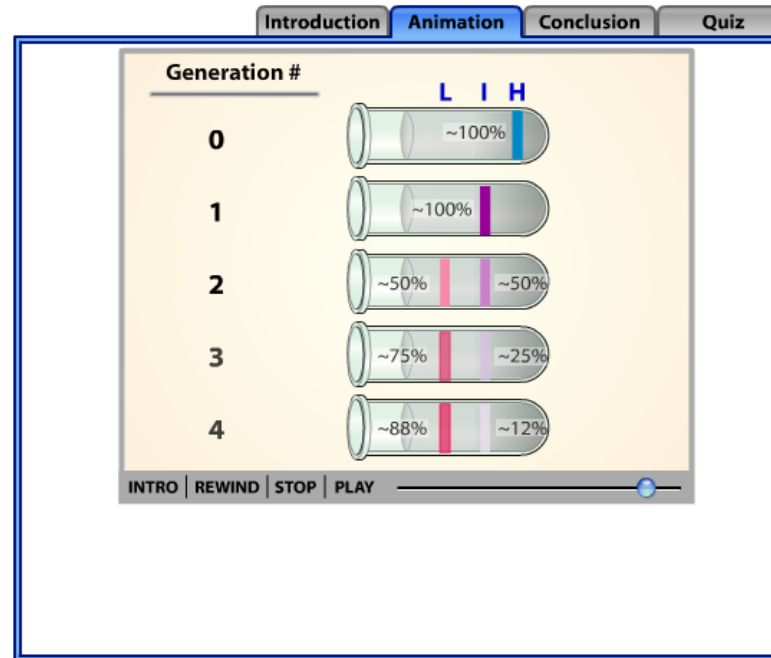


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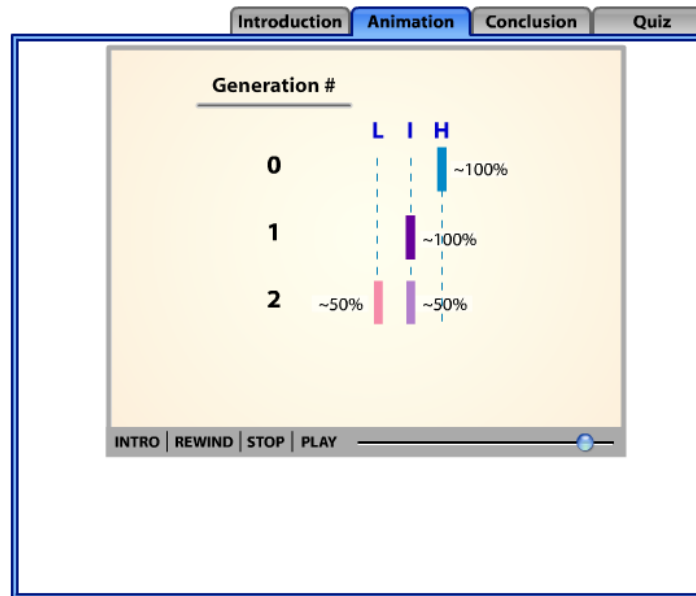


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Introduction Animation Conclusion Quiz

**Correct: Semiconservative Replication**

Generation #

L I H

0 "heavy" DNA

1 "intermediate" DNA

2 "light" DNA

Replication Model

close

INTRO | REWIND | STOP | PLAY

Generations 0 through 2 provide enough information to determine which model of DNA replication is correct. *Click on the correct model.*

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