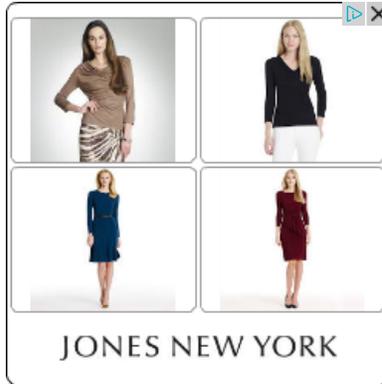


Experiment shows Evolution Never Stops

Submitted by [Pierrot Durand](#) on Fri, 11/15/2013 - 06:51



Scientists have revealed that evolution is a process that never stops. A unique experiment has helped scientists to reach the conclusion. Scientists have always been intrigued by the idea of understanding evolution as fully as possible, as it is significant for biology, [medicine](#) and a general understanding of our world.

The experiment has been underway for more than 25 years. It started with biologist Richard Lenski in 1988, when he added identical bacteria to dozen of [glass](#) flasks. And those 12 populations have been found evolving ever since. This has surprised scientists that those bacteria continued evolving despite the fact that they were in a stable and unchanging world.

Workers in Lenski's lab at Michigan State [University](#) in East Lansing are looking after the E. coli bacteria. As of now, the original microbes have produced more than 50,000 generations over the last 25 years.

Because of random mutations they have only got fitter and reproduced faster. "In evolutionary biology, fitness is this representation of the ability of an organism to survive and reproduce", says Lenski

The findings have been published in the [journal Science](#). The report from Lenski's group has revealed that the bacteria continued evolving and appear to be evolving forever.

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