

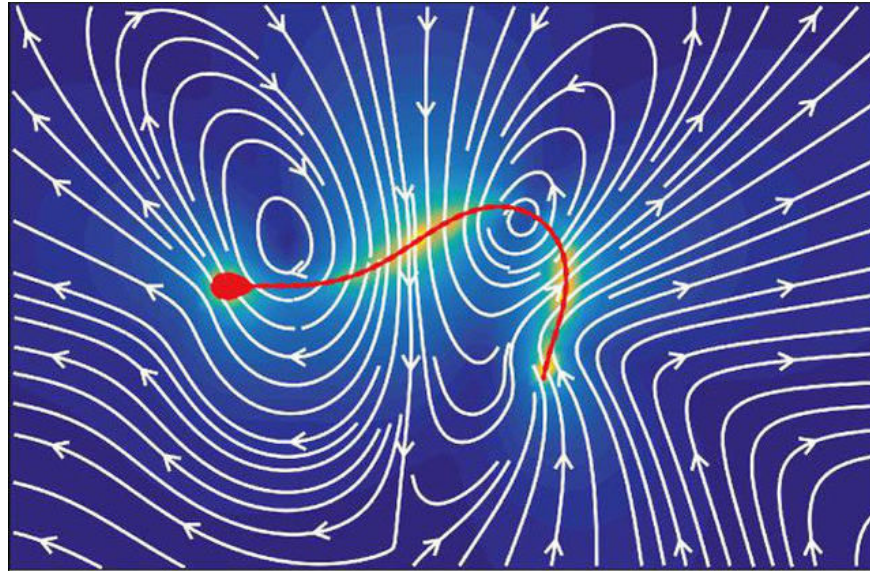
Find a mathematical formula that determines how a male sperm swimming

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Thanks to the superior power of microscope technology, scientists analyzed the rhythm of each part of the sperm and reconstructed its waveform in a mathematical way. From there, find out how a large group of sperms work and interact with each other and with other environments to apply in the treatment of male infertility.



According to the researchers, there are about 55 million spermatozoa in a sample, so they cannot reconstruct their activity model at the same time. Therefore, determining a mathematical formula that can calculate sperm's forward and backward motion can help them predict how much sperm in a group is, how the semen flow is affected. to large sperm groups.



Since then, helping researchers understand the reason why sperms are successful in approaching eggs but others do not and why many men do not possess strong enough sperm to fertilize eggs. . Even more amazing is a way to make their sperm healthy, find their way more easily.

The results have been published and accepted in Physical Review Letters and you can view the study and recipe here (pdf file).

1. A better understanding of how to help two men have children without women
2. A human can be created from a laboratory, without eggs and sperm

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