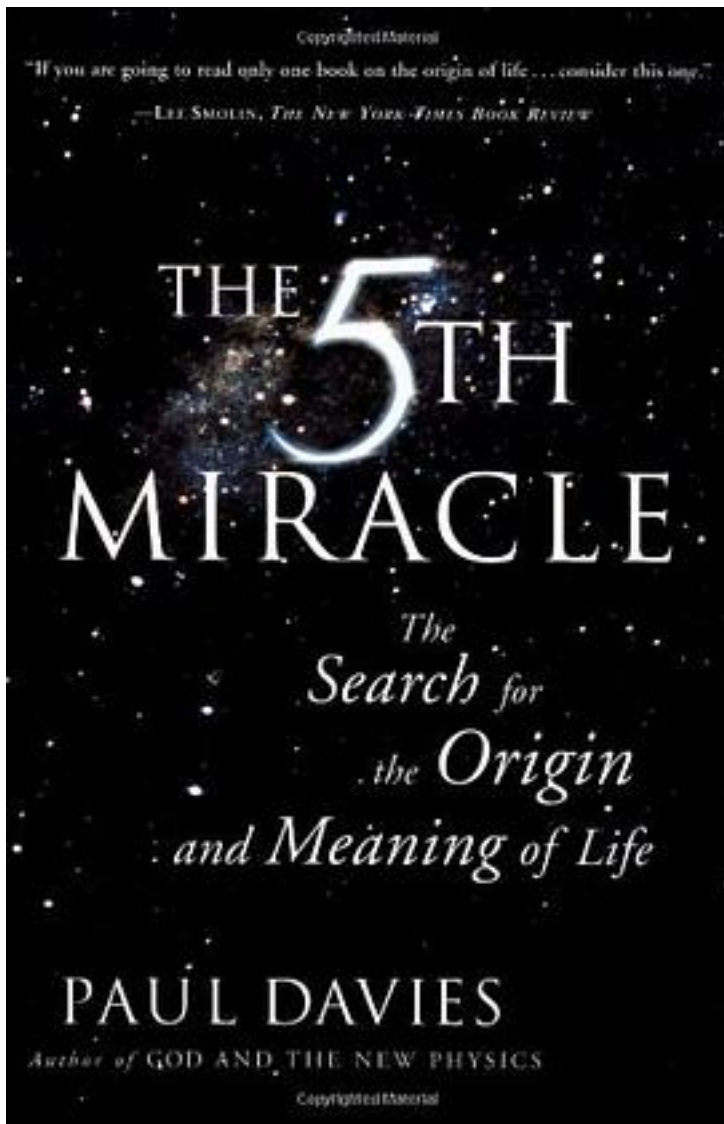


# The Fifth Miracle



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著者:Paul Davies

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Are We Alone in the Universe? In this provocative and far-reaching book, internationally acclaimed physicist and writer Paul Davies confronts one of science's great outstanding mysteries -- the origin of life. Three and a half billion years ago, Mars resembled earth. It was warm and wet and could have supported primitive organisms. If life once existed on Mars, might it have originated there and traveled to earth inside meteorites blasted into space by cosmic impacts? Davies builds on recent scientific discoveries and theories to address larger questions of existence: What, exactly, is life? Is it the inevitable by-product of physical laws, as many scientists maintain, or an almost miraculous accident? Are we alone in the universe, or will life emerge on all earthlike planets? And if there is life elsewhere in the universe, is it preordained to evolve toward greater complexity and intelligence? Through his search for answers to these questions, Davies explores the ultimate mystery of mankind's existence -- who we are and what our place might be in the unfolding drama of the cosmos.

### 作者介绍:

Paul Charles William Davies AM is a British-born physicist, writer and broadcaster, currently a professor at Arizona State University as well as the Director of BEYOND: Center for Fundamental Concepts in Science. He has held previous academic appointments at the University of Cambridge, University of London, University of Newcastle upon Tyne, University of Adelaide and Macquarie University. His research interests are in the fields of cosmology, quantum field theory, and astrobiology. He has proposed that a one-way trip to Mars could be a viable option.

In 2005, he took up the chair of the SETI: Post-Detection Science and Technology Taskgroup of the International Academy of Astronautics.

### 目录:

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## 标签

生物

生命起源

## 评论

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## 书评

前半部讲生命起源, 涉及热力学第二定律, 核糖核酸等等, 很吸引,  
虽然对DNA复制的自动化不很明白. 后半部讲外星微生物的星际漫游, 有点离题.

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