



Origins, Abiogenesis and the Search for Life

By Nick Lane

Cosmology.com. Hardcover. Book Condition: New. Hardcover. 500 pages. Dimensions: 10.1in. x 7.0in. x 1.4in. What is the origin of life? How did life begin? Is there life on other planets? Are we alone? These are questions which have been asked for thousands of years. In this ground-breaking, revolutionary text, over 40 top scientists from around the world, provide the answers in 28 paradigm-busting chapters. The first steps toward life began in a state of disequilibrium, whereas the chemicals for life came from the stars and were churned together in deep-sea thermal vents. Viruses may have served as mobile RNA worlds, injecting the necessary genetic elements into proto-cells, thereby fashioning the first living cell. Some scientists have championed the belief that life on Earth came from other planets. Even if that were the case, this simply moves the question of life's origins elsewhere but does not explain the ultimate question. Be it on Earth or some other world, life had to begin via processes known as abiogenesis. Obviously, there must have been an evolutionary progression beginning with simple chemical compounds to proto-life, then to DNA-equipped life capable of replicating itself. As detailed in this text, those prebiological evolutionary steps may...



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