

Explore the fundamental role of microbes in the natural history of our planet...

Inspired by a 2009 colloquium on microbial evolution convened at the Galapagos Islands, *Microbes and Evolution* celebrates Charles Darwin and his landmark book *On the Origin of Species*. Through this collection of 40 first-person essays written by microbiologists with a passion for evolutionary biology, you'll come to understand how their thinking and career paths in science were influenced by Darwin's seminal work.

The essays in *Microbes and Evolution* explore how the evidence of microbial evolution deeply and personally affected each scientist. Prepare to be surprised and delighted with their views on the importance of evolutionary principles in the study of a variety of aspects of life science, from taxonomy, speciation, adaptation, social structure, and symbiosis to antibiotic resistance, genetics, and genomics.

A breathtaking range of topics are woven together under a common theme that takes the reader from the origin of microbial life to its diversity, from mutualism and competition to efforts to recapitulate evolution, from the diversity of bacterial viruses to "the smallest and most abundant microorganism in the ocean."

- Richard Losick, *Maria Moors Cabot Professor, Harvard University*

This book is an excellent collection of articles and should be read by everyone working with bacteria (and others as well) or thinking of doing so.

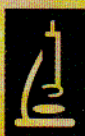
- Charles Yanofsky, *Department of Biology, Stanford University*



Roberto Kolter did his academic training at Carnegie-Mellon University, UC San Diego, and Stanford. Since 1983 he has been a faculty member of Harvard Medical School. A fanatic of food and wine, he enjoys burning those calories off in early morning runs along the Charles River in Boston.



Stanley Maloy obtained his Ph.D. at the University of California at Irvine. He went on to do postdoctoral research at the University of Utah. He was on the faculty at the University of Illinois in Urbana-Champaign for many years, and moved to San Diego State University in 2002. His favorite activity is thinking about science, but he also enjoys traveling and soaking his head in the ocean.



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