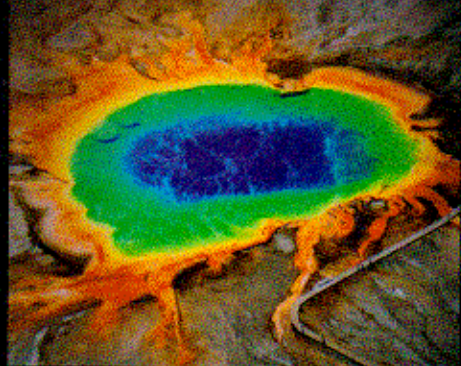




Philosophy of Microbiology

Microbes and microbiology are seldom encountered in philosophical accounts of the life sciences. Although microbiology is a well-established science and microbes the basis of life on this planet, neither the organisms nor the science have been seen as philosophically significant. This book will change that. It fills a major gap in the philosophy of biology by examining central philosophical issues in microbiology. Topics are drawn from evolutionary microbiology, microbial ecology and microbial classification. These discussions are aimed at philosophers and scientists who wish to gain insight into the basic philosophical issues of microbiology.

Maureen A. O'Malley is a Senior Researcher in the Department of Philosophy at the University of Sydney.

Cover image: The Grand Prismatic Spring in Yellowstone National Park illustrates the extent and beauty of the microbial world. The bands of colour around its edges are created by a diversity of heat-adapted photosynthesising microorganisms called cyanobacteria and algae. Humans, walking beside the spring on the boardwalk (right), are dwarfed by these microbial communities. Reproduced with permission of the National Geographic.

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