

# The Bacteria: Their Origin, Structure, Function and Antibiosis

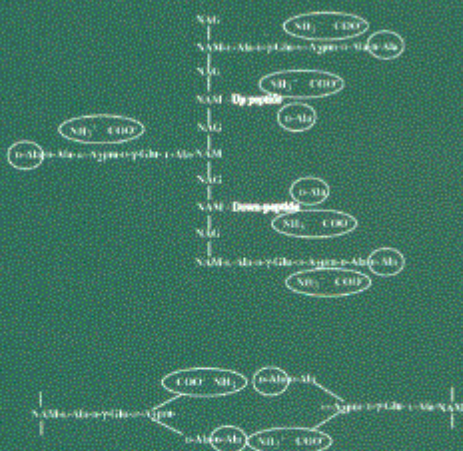
Arthur L. Koch

The book's purpose is to give an explanation of the development of life on earth to the evolution of diversity. It is this diversity that led, almost automatically, to the development of pathogens and predators. The relationship of pathogens and host lead to the development of antibiotics and resistance mechanisms.

Man has extended this process and we now have a situation in which new antibiotics are only effective for a short time. If we are to create long term antibiotics we must design them with this history in mind.

Understanding antibiotic chemotherapy at the ecological level is necessary for more permanent advances in development and in the usage of antibiotic agents in the past, present, and in the future.

This book is intended for students at various levels who will be the microbiology researchers in the time to come. Also microbiology professors, particularly those teaching medical microbiology as well as physicians administrating antibiotics daily and researchers in the pharmaceutical industry may find this book useful.



ISBN 978-1-4020-6625-2



9 781402 066252