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Nota di contenuto	Front cover; The social ecology of infectious diseases; Copyright page; Dedications; Contents; About the editors; Notes on contributors; Preface; Acknowledgments; Introduction: What constitutes the social ecology of infectious diseases?; Chapter 1 Travel; A brief history of travel and the movement of microbes; Modern global travel; Travelers' risk behavior; The human transport of microbes and microbial genetic material; Tools; Conclusions; References; Chapter 2 Changing sexual mores and disease transmission; Postwar social and sexual trends: evolution and revolution of sexual mores Out of the closet - homosexuality in AmericaThe Internet and human sexual behavior: the evolution of a new technology; Lessons learned for the journey ahead; References; Chapter 3 The international drug epidemic; Injection drug use and disease spread; Global drug use and disease interactions; Prevention and harm-reduction strategies; Government responses; Alternatives; References; Chapter 4 Urbanization and the social ecology of emerging infectious diseases;

The role of urbanization in infectious diseases; Current urban demographic trends; Risk parameters associated with urbanization
Dengue and other emerging arbovirus diseases
What the future holds;
References;
Chapter 5 Suburbanization in developed nations; Lyme disease - overview; Social determinants of Lyme disease risk; Social and political barriers to Lyme disease prevention; Conclusions; References;
Chapter 6 The social ecology of infectious disease transmission in day-care centers; CMV as a model; The social epidemiology of CMV infection; Day care as microbiological experiment; Child care and the epidemiology of CMV infection; Social organization and ecology of human CMV infection; Conclusions; References
Chapter 7 Protecting blood safety
A brief history of improving blood safety; The social ecology of blood safety; Effective public health strategies: incentives, education, screening and procedures; Epidemiological surveillance; Laboratory testing; High-risk human behavior; Impact of migration, travel, and geography; Negligence, human error and failed oversight; Responding to the challenges ahead; References;
Chapter 8 Food safety in the industrialized world; Global magnitude and trends; Large-scale food production and distribution; Social and demographic influences on food preferences
Reacting, coping, and preventing
Conclusions; References;
Chapter 9 Antibiotic resistance and nosocomial infections; Social determinants of antibiotic resistance; Nosocomial infections; Reasons for hope: control and prevention; Conclusion; References;
Chapter 10 Vaccines and immunization; Introduction; A brief history of vaccines and public health immunization programs; Expanding vaccine coverage: equity and the promise of prevention; Going global: politics and economics of vaccine development and distribution; Impact of vaccination on society; The future of vaccination and immunization
Conclusion

Sommario/riassunto

Social Ecology of Infectious Diseases explores how human activities enable microbes to disseminate and evolve, thereby creating favorable conditions for the diverse manifestations of communicable diseases. Today, infectious and parasitic diseases cause about one-third of deaths and are the second leading cause of morbidity and mortality. The speed that changes in human behavior can produce epidemics is well illustrated by AIDS, but this is only one of numerous microbial threats whose severity and spread are determined by human behaviors. In this book, forty experts in the fields of infe
