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Nota di contenuto	Cancer and Infectious Diseases: Bacterial Proteins/Peptides for Therapy and Prevention -- Disease Control Options in a Post Antibiotic Era -- Significance of Vi Negative Isolates of Salmonella enterica serovar Typhi in Causing Typhoid Fever -- Development of Cancer Sensing Nanodevices Using Metamaterial Nanostructure -- Materials Scientific Aspects of Some Heavy Metals Containing Ayurvedic Drugs -- Infectious Diseases in Nepal: Status of Toxoplasmosis -- Risk Evaluation of Medical Nanomaterials Available in Mongolia -- Molecular Studies on the Haitian Variant ctxB Gene and Cholera Toxin Production in Vibrio cholerae O1outbreak Strains Isolated from India -- Heart and Liver Regeneration in Zebra Fish Using Silver Synthesis Particle from Marine Plant- in vivo.- Antibacterial and Cytotoxic Evaluation of different extracts of Parthenium Hysterophorus.- Microbial Diversity of Vector Borne-Diseases.
Sommario/riassunto	This book gathers selected peer-reviewed papers presented at the Second International Conference on Infectious Diseases and

Nanomedicine (ICIDN), held in Kathmandu, Nepal on December 15–18, 2015. It also includes invited papers from the leading experts in the related fields. The book highlights the importance of “Interdisciplinary Collaborative Research for Innovation in the Biomedical Sciences,” the motto of the ICIDN conference. In particular, it addresses interdisciplinary scientific approaches for systematic understanding of the biology of major human infectious diseases and their treatment regimes by applying the tools and techniques of nanotechnology. It also provides cutting-edge information on infectious diseases and nanomedicine, focusing on various aspects of emerging infectious diseases: cellular and molecular microbiology; epidemiology and infectious disease surveillance; antimicrobials, vaccines and alternatives; drug design, drug delivery and tissue engineering; nanomaterials and biomedical materials.
