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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	""Contents""; ""Preface""; ""Prologue""; ""List of Participants""; ""The impact of environmental variation on hantavirus infection in rodents""; ""Preventive treatment of tuberculosis through contact tracing""; ""Optimal vaccination strategies for an influenza-like illness in a heterogeneous population""; ""Mathematical applications associated with the deliberate release of infectious agents""; ""Critical response to post-outbreak vaccination against foot-and-mouth disease""; ""Some promising approaches to tumor-immune modeling"" ""Impact of prophylactic vaccination against human papillomavirus infection""""Population dynamics of developmental deficits due to an environmental neurotoxicant""; ""Optimal therapy regimens for treatment-resistant mutations of HIV""; ""Cancer modeling: A perspective on what's new and what's next""; ""Understanding a killer: A predictive model for tumor development""; ""Optimal control methods applied to disease models""; ""Infection dynamics on small-world networks""; ""Moving beyond averages: Individual-level variation in disease transmission""

""Models for the spread of HIV /AIDS: Trends in Southern Africa""
Epidemic spread in populations at demographic equilibrium""; ""Models
for Dengue transmission and control""; ""Seasonality of rotavirus
infection with its vaccination""; ""Current research issues in mosquito-
borne diseases modeling""; ""The role of transactional sex in spreading
HIV in Nigeria""
