

1. Record Nr.	UNINA9910783776903321
Titolo	National academies keck futures initiative the genomic revolution [[electronic resource]] : implications for treatment and control of infectious disease : working group summaries
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, c2006
ISBN	0-309-18049-X 1-280-44736-2 9786610447367 0-309-65715-6
Descrizione fisica	1 online resource (133 p.)
Disciplina	616.9
Soggetti	Communicable diseases - Treatment Genomics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	""Front Matter""; ""The National Academies Keck Futures Initiative""; ""Preface""; ""Contents""; ""Conference Summary""; ""WORKING GROUP SUMMARIES""; ""Technology""; ""Identify What Technological Advances in the Fields of Science and Engineering Need to Be Developed (Either New Technology or Novel Integration of Existing Technologies) to Improve Rapid Response to New or Emerging Diseases""; ""Develop an Inexpensive (and Cost-Effective) Diagnostic Test That Could Be Deployed in Countries with Little Scientific Research Infrastructure""; ""Vaccines / Genomic Analysis and Synthesis"" ""How Would You Spend 100 Million Over the Next Five Years to Prevent the Next Pandemic Flu?""""How Can Genomics Facilitate Vaccine Development?""; ""Diagnosis""; ""Develop a Device to Rapidly and Sensitively Detect and Identify Pathogens in an Environment or Population, Spread Either Naturally or Through Deliberate Acts""; ""Are There Shared Pathways of Attack That Might Provide New Avenues of Prevention?""; ""Explore the Emerging Role of Public Health in Integrating Genomics in Surveillance, Outbreak Investigations, and Control and Prevention of Infectious Diseases""; ""Natural Variation""

""What Will It Take to Sequence an Individual's Genome for Under 1,000
in Less Than 10 Years?""""How Can We Use Natural Variation in Disease
Resistance to Understand Host Pathogen Interactions and Devise New
Therapies?""; ""Appendixes""; ""The 3rd Annual National Academies
Keck Futures Initiative Conference Program""; ""Participants""
