

1. Record Nr.	UNINA9910219989903321
Titolo	Case studies of existing human tissue repositories : "best practices" for a biospecimen resource for the genomic and proteomic era // Elisa Eiseman ... [et al.]
Pubbl/distr/stampa	Santa Monica, CA, : RAND, c2003
ISBN	1-283-59726-8 9786613909718 0-8330-3593-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xxxviii, 208 pages) : illustrations, maps
Altri autori (Persone)	EisemanElisa
Disciplina	362.17/83
Soggetti	Tissue banks Preservation of organs, tissues, etc Cadaver homografts
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"MG-120."
Nota di bibliografia	Includes bibliographical references (p. 207-208).
Nota di contenuto	Cover; Preface; The RAND Corporation Quality Assurance Process; Contents; Figure and Tables; Summary; Acknowledgments; Abbreviations; CHAPTER ONE; Introduction; Background; National Dialogue on Cancer; RAND Study; Purpose; Description of Study; Organization of This Report; CHAPTER TWO; Methodology; Selection of Repositories; Interviews; Repositories Evaluated; Government; Academia; Industry; Repositories Not Included in the Evaluation; SPOREs; IMPATH Inc.; National Surgical Adjuvant Breast and Bowel Project (NSABP); Program for Critical Technologies in Molecular Medicine Determining "Best Practices" Types of Information Not Shared; CHAPTER THREE; Biospecimen Collection, Processing, Annotation, Storage, and Distribution; Biospecimen Collection; Tissue Sources; Minority Populations, Children, and Foreign Tissue Sources; Collection Locations; Biospecimen Collection; Centralized Versus Decentralized Collection and Storage; Quality Assurance, Auditing, and Standardization for Biospecimen Collection; Biospecimen Processing and Annotation; Biospecimen Processing; Tissue Characterization and

Quality Control Testing of Biospecimens

Data Collection and Specimen Annotation; Longitudinal Data; Quality Assurance, Auditing, and Standardization for Processing of Biospecimens; Quality Assurance, Auditing, and Standardization for Annotation of Biospecimens; Biospecimen Storage; Number and Types of Tissue in Storage; Storage Techniques; Freezer Maintenance and Backup; Quality Control, Auditing, and Standardization for Biospecimen Storage; Specimen Distribution; Shipment of Samples to Researchers; Quality Assurance and Standardization of Biospecimen Collection, Processing, Annotation, Storage, and Distribution; Best Practices CHAPTER FOUR; Bioinformatics and Data Management; Use of Bioinformatics Systems; Types of Data Contained in Bioinformatics Systems; Data Accessibility; Bioinformatics System Security; Quality Control, Auditing, and Standardization for Bioinformatics Systems; Best Practices; CHAPTER FIVE; Consumer/User Needs; Customer Profile; Academic, Government, and Industry Users; Distribution of Samples Outside the Institution; Meeting Researcher Needs; Review and Prioritization of Requests for Tissue; Unmet User Needs; Tracking the Use of Biospecimens; Types of Research/Use of Samples Metrics and Feedback on Repository Use; Best Practices; CHAPTER SIX; Business Plan and Operations; Government Repositories; Academic Repositories; Industry Repositories; Repository/Collection Site Relationships; Repository Operations; Lessons Learned; Repository Model; Banking Versus Prospective Collection; Centralized Versus Decentralized; Costs; Repository Costs; Costs to Researchers; Developing and Adopting New Technologies; Tracking of Sample Use; Acknowledgments in Publications; Best Practices; CHAPTER SEVEN; Privacy, Ethical Concerns, and Consent Issues; Identifiability of Tissue; Institutional Review Boards

Sommario/riassunto

Case studies of twelve existing human biospecimen repositories performed to evaluate their utility for genomics- and proteomics-based cancer research and to identify "best practices" in collection, processing, annotation, storage, privacy, ethical concerns, informed consent, business plans, operations, intellectual property rights, public relations, marketing, and education that would be useful in designing a national biospecimen network.
