

1. Record Nr.	UNINA9910817374603321
Titolo	Monitoring human tissues for toxic substances // Committee on National Monitoring of Human Tissues, Board on Environmental Studies and Toxicology, Commission on Life Sciences
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1991
ISBN	1-280-20397-8 9786610203970 0-309-56427-1 0-585-03808-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (224 p.)
Disciplina	615.9/07
Soggetti	Biological monitoring - United States Blood - Analysis - United States Adipose tissues - Analysis - United States Health risk assessment
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 167-178).
Nota di contenuto	""Monitoring Human Tissues for Toxic Substances""; ""Copyright""; ""Preface""; ""Contents""; ""Executive Summary""; ""THE NATIONAL HUMAN MONITORING PROGRAM""; ""CHARGE TO THE COMMITTEE""; ""RELATIONSHIP OF TISSUE MONITORING TO EPA PROGRAM PRIORITIES""; ""GOALS AND POTENTIAL USES OF A NATIONAL PROGRAM TO MONITOR HUMAN TISSUES""; ""CONCLUSIONS AND RECOMMENDATIONS""; ""Toxicologic Issues""; ""Relevance of Human Tissue Monitoring to Risk Assessment""; ""Choice of Tissues to Monitor""; ""Sampling Methods""; ""Collection, Short-Term Storage, and Archiving of Tissues"" ""Chemical Assay of Specimens""""Program Design and Management Issues""; ""Administrative and Agency Issues""; ""Funding""; ""Science Review""; ""Other Administrative Issues""; ""Analysis and Reporting of Data""; ""Cooperation and Information Transfer with Other Organizations""; ""Monitoring Human Tissues for Toxic Substances""; ""1 Introduction ""; ""BACKGROUND""; ""CHARGE TO THE COMMITTEE"";

""ENVIRONMENTAL AND PUBLIC HEALTH RATIONALE FOR MONITORING CHEMICALS IN HUMAN TISSUES""; ""RELATIONSHIP OF TISSUE MONITORING TO EPA PROGRAM PRIORITIES""

""GOALS AND POTENTIAL USES OF A NATIONAL PROGRAM TO MONITOR HUMAN TISSUES""""2 Review of the National Human Adipose Tissue Survey and Selected Program Alternatives ""; ""DEVELOPMENT OF THE PROGRAM""; ""Program Deficiencies""; ""Toxicologic Issues (see Chapter 3)""; ""Sampling Strategy (See Chapter 4)""; ""Collection, Storage, and Archiving of Tissues (see Chapter 5)""; ""Chemical Assay Issues (see Chapter 6)""; ""Programmatic Issues (see Chapter 7)""; ""EXISTING PROGRAMS AS POSSIBLE ALTERNATIVES TO THE NATIONAL HUMAN ADIPOSE TISSUE SURVEY""

""National Center for Health Statistics: National Health and Nutrition Examination Surveys (NHANES)""""Agency for Toxic Substances and Disease Registry: National Exposure and Disease Registries""; ""National Institute of Standards and Technology: Environmental Specimen Banking Program""; ""Environmental Protection Agency: Total Exposure Assessment Methodology Study""; ""Food and Drug Administration: Total-Diet Study""; ""National Oceanographic and Atmospheric Administration: National Status and Trends Mussel Watch Program""; ""Foreign Programs""; ""Conclusions""

""SUMMARY AND RECOMMENDATIONS""""3 Toxicologic Issues ""; ""INTRODUCTION""; ""RELATION BETWEEN ENVIRONMENTAL MONITORING AND TISSUE MONITORING""; ""RELEVANCE OF HUMAN TISSUE MONITORING TO RISK ASSESSMENT""; ""Biologic Markers""; ""Markers of Exposure or Dose""; ""Markers of Effect""; ""Markers of Biologically Effective Dose""; ""Markers of Early Biologic Effect""; ""Markers of Susceptibility""; ""Summary""; ""CHOICE OF TISSUES TO MONITOR""; ""Background""; ""Blood""; ""Adipose Tissue""; ""Lean Tissues""; ""Biologic Fluids""; ""Hair""; ""SUMMARY AND RECOMMENDATIONS""; ""4 Sampling Methods ""

""INTRODUCTION""
