

1. Record Nr.	UNINA9910811375903321
Titolo	Powerless science? : science and politics in a toxic world // edited by Soraya Boudia and Nathalie Jas
Pubbl/distr/stampa	New York, [New York] ; ; Oxford, [England] : , : Berghahn Books, , 2014 ©2014
ISBN	1-78533-198-1 1-78238-237-2
Descrizione fisica	1 online resource (290 pages) : illustrations, photographs
Collana	The Environment in History: International Perspectives
Classificazione	AK 24400
Altri autori (Persone)	BoudiaSoraya JasNathalie
Disciplina	338.9/26
Soggetti	Science and state Science - Political aspects Science - Moral and ethical aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Introduction. The greatness and misery of science in a toxic world / Soraya Boudia and Nathalie Jas -- Part I. Knowledge, expertise, and the transformations in regulatory systems -- Precaution and the history of endocrine disruptors / Nancy Langston -- The political life of mutagens: a history of the Ames test / Angela N. H. Creager -- DES, cancer, and endocrine disruptors: ways of regulating, chemical risks, and public expertise in the United States / Jean-Paul Gaudilliaere -- Managing scientific and political uncertainty: environmental risk assessment in a historical perspective / Soraya Boudia. Part II. Activism and nonactivism: alternative uses of knowledge -- Work, bodies, militancy: the "class ecology" debate in 1970s Italy / Stefania Barca -- What kind of knowledge is needed about toxicant-related health issues? Some lessons drawn from the Seveso dioxin case / Laura Centemeri -- From suspicious illness to policy change in petrochemical regions: popular epidemiology, science, and the law in the United States and Italy / Barbara L. Allen -- Guinea pigs go to court: epidemiology and class actions in Taiwan / Paul Jobin and Yu-

Hwei Tseng.

Part III. Putting knowledge, ignorance, and regulation into perspective

-- Reckless laws, contaminated people: science reveals legal shortcomings in public health protections / Carl F. Cranor --

Untangling ignorance in environmental risk assessment / Scott Frickel and Michelle Edwards -- Low-dose toxicology: narratives from science-transcience interface / Sheldon Krinsky -- Unruly technologies and fractured oversight: toward a model for chemical control for the twenty-first century / Jody A. Roberts.

Sommario/riassunto

In spite of decades of research on toxicants, along with the growing role of scientific expertise in public policy and the unprecedented rise in the number of national and international institutions dealing with environmental health issues, problems surrounding contaminants and their effects on health have never appeared so important, sometimes to the point of appearing insurmountable. This calls for a reconsideration of the roles of scientific knowledge and expertise in the definition and management of toxic issues, which this book seeks to do. It looks at complex historical, social, and political dynamics, made up of public controversies, environmental and health crises, economic interests, and political responses, and demonstrates how and to what extent scientific knowledge about toxicants has been caught between scientific, economic, and political imperatives.

2. Record Nr.	UNINA9910768480603321
Titolo	Epigenetics and Responsibility : Ethical Perspectives // ed. by Emma Moormann, Anna Smajdor, Daniela Cutas
Pubbl/distr/stampa	Bristol : , : Bristol University Press, , [2024] 2024
ISBN	1-5292-2544-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (192 p.)
Disciplina	174.296042
Soggetti	SCIENCE / Philosophy & Social Aspects
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Front Matter -- Contents -- Notes on Contributors -- Introduction -- Epigenetics, Bioethics and a Developmental Outlook on Life -- Epigenetics and Forward-Looking Collective Responsibility -- Luck, Epigenetics and the Worth of Collective Agents -- Pictures at an Exhibition: Epigenetics, Harm and the Non-Identity Problem -- Epigenetics, Parenthood and Responsibility for Children -- AI and Epigenetic Responsibility -- Responsibility and the Microbiome -- Index
Sommario/riassunto	EPUB and EPDF available Open Access under CC-BY-NC-ND licence. We tend to hold people responsible for their choices, but not for what they can't control: their nature, genes or biological makeup. This thought-provoking collection redefines the boundaries of moral responsibility. It shows how epigenetics reveals connections between our genetic make-up and our environment. The essays challenge established notions of human nature and the nature/nurture divide and suggest a shift in focus from individual to collective responsibility. Uncovering the links between our genetic makeup, environment and experiences, this is an important contribution to ongoing debates on ethics, genetics and responsibility.