Record Nr. UNINA9910819823503321 Autore **Langston Nancy** Titolo Toxic bodies: hormone disruptors and the legacy of DES / / Nancy Langston Pubbl/distr/stampa New Haven [Conn.], : Yale University Press, c2010 **ISBN** 1-299-46380-0 0-300-16299-5 Edizione [1st ed.] Descrizione fisica 1 online resource (252 p.) Disciplina 615/.36 Soggetti Endocrine disrupting chemicals - History Endocrine disrupting chemicals - Government policy - United States -History Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Note generali Bibliographic Level Mode of Issuance: Monograph Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Front matter -- Contents -- Preface -- Acknowledgments -- 1. Disrupting Hormonal Signals -- 2. Before World War II: Chemicals. Risk. and Regulation -- 3. Help for Women Over Forty -- 4. Bigger, Stronger Babies with Diethylstilbestrol -- 5. Modern Meat: Hormones in Livestock -- 6. Growing Concerns -- 7. Assessing New Risks -- 8. Sexual Development and a New Ecology of Health -- 9. Precaution and the Lessons of History -- Notes -- Bibliography -- Index

Sommario/riassunto

In 1941 the Food and Drug Administration approved the use of diethylstilbestrol (DES), the first synthetic chemical to be marketed as an estrogen and one of the first to be identified as a hormone disruptor-a chemical that mimics hormones. Although researchers knew that DES caused cancer and disrupted sexual development, doctors prescribed it for millions of women, initially for menopause and then for miscarriage, while farmers gave cattle the hormone to promote rapid weight gain. Its residues, and those of other chemicals, in the American food supply are changing the internal ecosystems of human, livestock, and wildlife bodies in increasingly troubling ways. In this gripping exploration, Nancy Langston shows how these chemicals have penetrated into every aspect of our bodies and ecosystems, yet the U.S. government has largely failed to regulate them and has skillfully manipulated scientific uncertainty to delay regulation. Personally

affected by endocrine disruptors, Langston argues that the FDA needs to institute proper regulation of these commonly produced synthetic chemicals.