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Titolo	Females are mosaics : X inactivation and sex differences in disease / / Barbara R. Migeon
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ISBN	0-19-934366-7 0-19-992754-5
Edizione	[Second edition.]
Descrizione fisica	1 online resource (328 p.)
Disciplina	616/.042
Soggetti	Mosaicism X chromosome - Abnormalities Genetic disorders Sex factors in disease Electronic books.
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 and index.
Nota di contenuto	Sex differences in disease -- Evolution of the human sex chromosomes and a portrait of the human X -- X chromosome dosage compensation : an overview -- The discovery of X chromosome inactivation -- Experimental models for X inactivation studies -- Theme 1 : the initial step : creating the active and inactive X -- Theme 2 : subsequent steps : spreading and maintaining inactivation -- Variations 1 : evolution of the X inactivation center -- Variations 2 : stability of the inactive X -- Variations 3 : choice of active X -- The single active X -- Mosaicism -- Epimutations, chromatin disorders and sex differences in phenotype -- Determinants of female phenotypes.
Sommario/riassunto	Women can be described as genetic mosaics because they have two distinctly different types of cells throughout their bodies. Unlike males, who have one X chromosome, females have two X chromosomes in every cell. Much has been written about the Y chromosome and its role in inducing maleness. This is the only book about the X chromosome as a key to female development and the role of X-related factors in the etiology of sex differences in human disease. This new edition reflects

research advances from the six years since the widely praised first edition. New advances include knowledge of species
