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 - and this new edition reflects research advances from the six years since the widely praised first edition.

Much has been written about the Y chromosome and its role in inducing maleness. This is the first 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. New advances include knowledge of species differences in mammalian X inactivation processes and silencing of the inactive X chromosome. New to this Edition: Two new chapters Additional figures and tables to clarify points and enhance the book as a teaching aid Appendices with supplementary information about specific X-linked disorders.