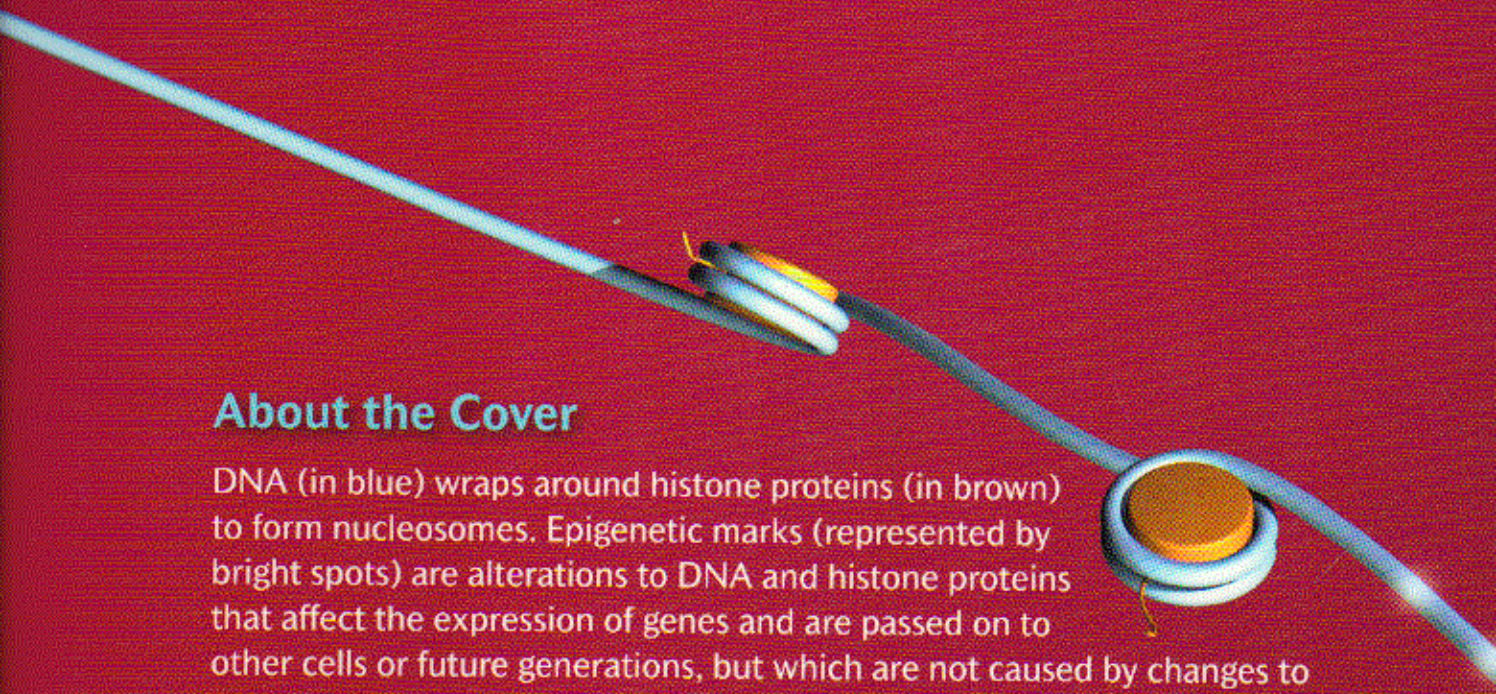

About the Cover

DNA (in blue) wraps around histone proteins (in brown) to form nucleosomes. Epigenetic marks (represented by bright spots) are alterations to DNA and histone proteins that affect the expression of genes and are passed on to other cells or future generations, but which are not caused by changes to the DNA base sequence. Research reveals that epigenetic changes affect gene regulation, development, disease, and even behavior. Epigenetics receives expanded coverage and new emphasis in this fourth edition of *Transmission and Population Genetics*.

About the Fourth Edition

Transmission and Population Genetics was developed to address the needs of introductory genetics courses that focus solely on those topics. This book is a subset of chapters from *Genetics*, Fourth Edition, and like its parent text, builds on features that contributed to the success of the preceding editions: an informal writing style; accessible and instructive illustrations; an emphasis on problem solving; and, most importantly, a strong focus on concepts and connections.

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