

# PRINCIPLES *of* GENETICS

Fifth Edition

The cover image is in the form of an unfinished puzzle, symbolizing the attempts by geneticists to unravel the puzzle of inheritance. Chromosomes from a normal man overlay part of the pedigree of Queen Victoria of England, a pedigree notorious for documenting the passage of the gene for hemophilia throughout the royal houses of Europe. Modern geneticists are capable of mapping genes to their chromosomes, determining the very sequence of the DNA that makes up the chromosomes, and tracing the evolutionary consequences of genetic changes. In this book we endeavor not only to give the historical background needed to understand modern genetics, but also developments at the cutting edge of modern genetic research—the places where the final puzzle pieces are being put in place.

*Robert H. Tamarin*

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