



ABOUT THE COVER

Albinism, a term first coined in the 17th century to describe humans entirely lacking pigmentation, has become an iconic genetic phenotype now known to occur in many different organisms. In the 20th century, the genetic basis of this phenotype was clarified. For this cover, we have chosen to display an albino male of one of the most elegant species, the green peafowl (*Pavo muticus*).

ABOUT THE BOOK

Known for its focus on conceptual understanding, problem solving, and practical applications, this bestseller strengthens problem-solving skills and explores essential genetics topics. **Essentials of Genetics, Ninth Edition** maintains the text's brief, distilled coverage of core concepts and has been extensively updated with relevant, cutting-edge coverage of emerging topics in genetics. New Special Topics in Modern Genetics mini-chapters explore cutting-edge topics, including Emerging Roles of RNA, Genetically Modified Foods, and Gene Therapy.

MasteringGenetics™

This book is accompanied by MasteringGenetics, the online homework and assessment program that guides students through complex topics in genetics and strengthens problem-solving skills. In-depth tutorials coach students to the correct answers with hints and feedback specific to misconceptions and errors. Updated with over 100 practice problems and an expanded selection of assignable end-of-chapter problems, MasteringGenetics also includes new assessment questions for Special Topics in Modern Genetics Chapters. The new eText 2.0 is accessible through smartphones, tablets, and computers.

ADDITIONAL HELP

Study Guide and Solutions Manual

Harry Nickla

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This helpful handbook provides detailed solutions or extended discussions for all of the text problems, and it includes extra study problems and reviews of key concepts.

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