

Silver

Mouse Genetics

Concepts and Applications

As nearly all human genes are present in the mouse genome, a growing number of biomedical researchers are finding they need to use the mouse as an experimental organism. This book fills a need for a single source covering the field of mouse breeding and genetics at a level of detail sufficient for pursuing independent investigations. A convenient compendium of practical information for the mouse genetics community as well as molecular biologists who use mouse models.

Mouse Genetics offers for the first time in a single comprehensive volume a practical guide to mouse breeding and genetics. Nearly all human genes are present in the mouse genome, making it an ideal organism for genetic analyses of both normal and abnormal aspects of human biology. Written as a convenient reference, this book provides a complete description of the laboratory mouse, the tools used in analysis, and procedures for carrying out genetic studies, along with background material and statistical information for use in ongoing data analysis. It thus serves two purposes, first to provide students with an introduction to the mouse as a model system for genetic analysis, and to give practicing scientists a detailed guide for performing breeding studies and interpreting experimental results. All topics are developed completely, with full explanations of critical concepts in genetics and molecular biology. As investigators around the world are rediscovering both the heuristic and practical value of the mouse genome, the demand for a succinct introduction to the subject has never been greater. Mouse Genetics is intended to meet the needs of this wide audience.

Mouse Genetics

Lee M. Silver



221,40 €

221,40 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780195075540

Medium: Buch

ISBN: 978-0-19-507554-0

Verlag: Oxford University Press

Erscheinungstermin: 01.01.1995

Sprache(n): Englisch

Auflage: Erscheinungsjahr 1995

Produktform: Gebunden

Gewicht: 734 g

Seiten: 376

Format (B x H): 161 x 240 mm

