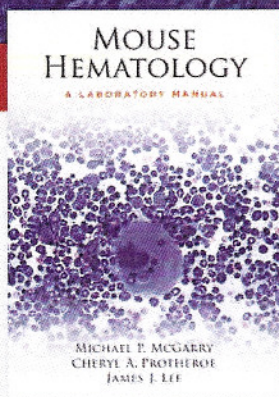


MOUSE HEMATOLOGY

A LABORATORY MANUAL



By Michael P. McGarry, Cheryl A. Protheroe, and James J. Lee, *Mayo Clinic Arizona*

The mouse has become a standard laboratory model organism, particularly for the study of hematopoiesis, the immune system, and inflammation. Although laboratories studying stem cells, blood, and blood-forming tissues have assimilated many new molecular diagnostic methods, the identification of cell lineages through classical light microscopic techniques is often poorly understood and practiced. *Mouse Hematology* presents a concise review of conventional methods for the

preparation, enumeration, and microscopic examination of blood and blood-forming tissues of the laboratory mouse. Along with a short laboratory manual featuring detailed protocols, *Mouse Hematology* includes a DVD of short video demonstrations of the techniques and a poster of blood cell types for easy identification at the microscope. These rapid, inexpensive assessments can save valuable time and resources essential to the design, development, and interpretation of experiments.

Due December 2009, 100 pp., illus., appendix, index; poster; DVD

Hardcover \$165

ISBN 978-087969-885-0

Paperback \$100

ISBN 978-087969-886-7

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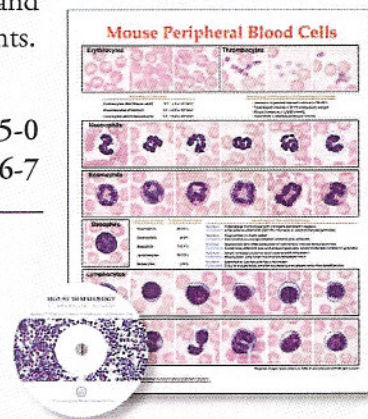
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Poster

Mouse Peripheral Blood Cells

A quick reference guide to mouse peripheral blood cells, including brief descriptions of each lineage, total cellularities, and hematological/physiological parameters of interest.

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