

ASCP QUICK COMPENDIUM
OF
MOLECULAR PATHOLOGY

Dedication

*I dedicate this book to Sarah, Diana,
and the Davids.*

QUICK
COMPENDIUM
OF MOLECULAR PATHOLOGY

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American Society for
Clinical Pathology

Press
Chicago

Publishing Team

Ted Moon and Erik Tanck (design)
Erik Tanck (production)
Joshua Weikersheimer (publishing direction)

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12 11 10 09 08 5 4 3 2 1

Printed in Hong Kong

Acknowledgments

My mentor, Dr James L Kelley, taught me to be diagnostician and a doctor. Through his example I saw the way to gain the esteem of clinical colleagues: be prepared, be honest, and, above all, be available. I am grateful to my publisher, Joshua Weikersheimer, who saw the value in this idea and assisted me through to its completion. I am indebted to Dr David F Keren for his teaching and encouragement. I thank Emily for her assistance, friendship, and love.

Preface

A vast quantity of work has contributed to the understanding of disease at the genetic level. A correspondingly expansive body of literature reports this work—we have sought to digest that work into briefly summary statements. The *ASCP Quick Compendium of Molecular Pathology* is not designed to be a definitive textbook of genetics or diagnostic molecular pathology; instead, its purpose is to summarize knowledge relevant to routinely encountered clinical problems.

The book has been organized into sections that reflect the interaction of pathologists with molecular medicine. Several chapters discuss medical diseases with inherited bases about which we are often called upon to guide diagnostic testing. Additional chapters review the molecular basis of and testing for neoplastic diseases. Within each topic, we have included what it is essential to know for both practical and somewhat more esoteric purposes.

Like the other volumes in this *ASCP Quick Compendium* series, our aim has been to provide a distilled and accessible resource for the benefit of pathologists and residents. We hope that this book will serve both as a digestible review and as a useful desktop reference.

— D Mais, MD

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