Peripheral nerve disorders are among the most common neurological problems that clinicians face, yet few therapies and interventions are available to arrest or reverse the damage associated with them. Summarizing this important, but neglected, area of neuroscience, Doug Zochodne addresses the peripheral, not central, nervous system and its unique neurobiology. He summarizes current basic ideas about the molecular mechanisms involved in both nerve degeneration and regeneration and what approaches can be used to address it experimentally. Heavily illustrated throughout, and including a 32-page color plate section, this book will serve as a valuable reference for academic researchers and graduate students.

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Neurobiology of Peripheral Nerve Regeneration

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University of Calgary, Canada
Dedicated to my wife Barbara and my children Julia and William
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“Nature uses only the longest threads to weave her patterns, so each small piece of her fabric reveals the organization of the entire tapestry.”
(Richard Feynman, The Character of Physical Law, 1965)