

Contents

Acknowledgments viii

- 1 Introduction 1**
- 2 The intact peripheral nerve tree 8**
- 3 Injuries to peripheral nerves 39**
- 4 Addressing nerve regeneration 58**
- 5 Early regenerative events 85**
- 6 Consolidation and maturation of regeneration 133**
- 7 Regeneration and the vasa nervorum 153**
- 8 Delayed reinnervation 170**
- 9 Trophic factors and peripheral nerves 182**
- 10 The nerve microenvironment 206**

References 220

Index 267

Color plate section pp. 152–153