

Contents

1	Introduction	1
	Siegfried Mense and Robert D. Gerwin	
2	Functional Anatomy of Muscle: Muscle, Nociceptors and Afferent Fibers	17
	Siegfried Mense	
3	Peripheral Mechanisms of Muscle Pain: Response Behavior of Muscle Nociceptors and Factors Eliciting Local Muscle Pain	49
	Siegfried Mense	
4	Central Nervous Mechanisms of Muscle Pain: Ascending Pathways, Central Sensitization, and Pain-Modulating Systems	105
	Siegfried Mense	
5	Referral of Musculoskeletal Pain	177
	Thomas Graven-Nielsen and Siegfried Mense	
6	Increased Muscle Tone as a Cause of Muscle Pain	207
	Siegfried Mense and Alfonse T. Masi	
7	Reorganized Motor Control Due to Muscle Pain	251
	Thomas Graven-Nielsen and Lars Arendt-Nielsen	
	Glossary	269
	Index	319