

Contents

Cough: Setting the Scene	1
K.F. Chung and J.G. Widdicombe	
Cough Sensors. I. Physiological and Pharmacological Properties of the Afferent Nerves Regulating Cough.....	23
B.J. Canning and Y.-L. Chou	
Cough Sensors. II. Transient Receptor Potential Membrane Receptors on Cough Sensors	49
S. Materazzi, R. Nassini, R. Gatti, M. Trevisani, and P. Geppetti	
Cough Sensors. III. Opioid and Cannabinoid Receptors on Vagal Sensory Nerves	63
M.G. Belvisi and D.J. Hele	
Cough Sensors. IV. Nicotinic Membrane Receptors on Cough Sensors ...	77
L.-Y. Lee and Q. Gu	
Cough Sensors. V. Pharmacological Modulation of Cough Sensors	99
S.B. Mazzone and B.J. Undem	
Peripheral Mechanisms I: Plasticity of Peripheral Pathways	129
M.A. McAlexander and M.J. Carr	
Peripheral Mechanisms II: The Pharmacology of Peripherally Active Antitussive Drugs	155
D. Spina, I. McFadzean, F.K.R. Bertram, and C.P. Page	
Central Mechanisms I: Plasticity of Central Pathways	187
C.-Y. Chen, J.P. Joad, J. Bric, and A.C. Bonham	
Central Mechanisms II: Pharmacology of Brainstem Pathways	203
D.C. Bolser	

Central Mechanisms III: Neuronal Mechanisms of Action of Centrally Acting Antitussives Using Electrophysiological and Neurochemical Study Approaches	219
K. Takahama, T. Shirasaki, and F. Soeda	
Central Mechanisms IV: Conscious Control of Cough and the Placebo Effect	241
R. Eccles	
Clinical Cough I: The Urge-To-Cough: A Respiratory Sensation	263
P.W. Davenport	
Clinical Cough II: Therapeutic Treatments and Management of Chronic Cough	277
A.H. Morice and L. McGarvey	
Clinical Cough III: Measuring the Cough Response in the Laboratory	297
P.V. Dicpinigaitis	
Clinical Cough IV: What is the Minimal Important Difference for the Leicester Cough Questionnaire?	311
A.A. Raj, D.I. Pavord, and S.S. Birring	
Clinical Cough V: Complementary and Alternative Medicine: Therapy of Cough	321
J.G. Widdicombe and E. Ernst	
Clinical Cough VI: The Need for New Therapies for Cough: Disease-Specific and Symptom-Related Antitussives	343
K.F. Chung	
Index	369