

Contents

1	Introduction: Irritant Asthma, Irritant Rhinitis, and Related Conditions	1
	William J. Meggs	
2	Airway Anatomy, Physiology, and Inflammation	19
	Michael R. Van Scott, Joyce Chandler, Stephen Olmstead, Jared M. Brown, and Mark Mannie	
3	Reactive Airways Dysfunction Syndrome (RADS) and Irritant-Induced Asthma	63
	Stuart M. Brooks	
4	Acute Toxicity of Respiratory Irritant Exposures	83
	Susan Ney Miller	
5	Particulate Exposure and Cardiovascular Inflammation	103
	Christopher J. Wingard, Emily Cozzi, Michael R. Van Scott, and Robert M. Lust	
6	Products of Tobacco Combustion	131
	Rebecca Bascom, Anne E.F. Dimmock, and Judie Ann Howrylak	
7	Irritant and Airborne Contact Dermatitis	193
	Payton A. Kuhlenbeck and Tanner J. Parrent	
8	Exposure Limits	207
	Grace Ziem	
9	Occupational Issues Related to Respiratory Irritants	219
	Ricky Langley and David Lipton	
10	The Brain as a Target Organ for Allergic and Irritant Sensitivity: A Review and Suggestions for Research	231
	William J. Meggs, Richard M. Bloch, and Kori L. Brewer	

11	An Approach to Treating Irritant Airway Inflammation.....	247
	Grace Ziem	
12	Summary and Research Needs	277
	William J. Meggs	
	Index.....	287

The Toxicant Induction of Irritant Asthma, Rhinitis, and
Related Conditions

Meggs, W.J. (Ed.)

2013, VI, 294 p. 24 illus., 18 illus. in color., Hardcover

ISBN: 978-1-4614-9043-2