

Contents

1	Matrix Metalloproteinases	1
	Viola Vargová, Marek Pytliak, and Viola Mechírová	
2	Specificity of Binding with Matrix Metalloproteinases	35
	Satya P. Gupta and Vaishali M. Patil	
3	The Gelatinases and Their Inhibitors: The Structure–Activity Relationships	57
	Snehasikta Swarnakar, Amartya Mishra, and Susri Ray Chaudhuri (Guha)	
4	Advances in Studies on Collagenase Inhibitors	83
	Mange Ram Yadav, Prashant Revan Murumkar, and Vishal Prakash Zambre	
5	Hydroxamic Acids as Matrix Metalloproteinase Inhibitors	137
	Rajeshwar P. Verma	
6	Quantitative Structure–Activity Relationship Studies on Sulfonamide-Based MMP Inhibitors	177
	Vaishali M. Patil and Satya P. Gupta	
7	Matrix Metalloproteinase Inhibitors as Investigative Tools in the Pathogenesis and Management of Vascular Disease	209
	Mina M. Benjamin and Raouf A. Khalil	
	Index	281

Matrix Metalloproteinase Inhibitors
Specificity of Binding and Structure-Activity
Relationships

Gupta, S.P. (Ed.)

2012, X, 286 p., Hardcover

ISBN: 978-3-0348-0363-2