

Contents

1	Historical Overview of Autophagy.....	1
	William A. Dunn Jr., Laura A. Schroder, and John P. Aris	
2	The Core Molecular Machinery of Autophagosome Formation.....	25
	Meiyan Jin and Daniel J. Klionsky	
3	The Origin of Autophagosomes: The Beginning of an End.....	47
	Susana Abreu, Jana Sanchez-Wandelmer, and Fulvio Reggiori	
4	Signal Transduction Regulation of Autophagy.....	63
	Pui-Mun Wong and Xuejun Jiang	
5	Role of Autophagy in Tumorigenesis.....	95
	Hanlin Tao, Robert Taylor Jr., Xiangang Zeng, and Shengkan Jin	
6	Selective Autophagy and Cancer	113
	Yoshinobu Ichimura and Masaaki Komatsu	
7	Oncogenes and Tumor Suppressor Genes in Autophagy	127
	Gregor M. Balaburski, Anna Budina, and Maureen E. Murphy	
8	Autophagy and Immunity	145
	Lindsey M. Silva and Jae U. Jung	
9	Autophagy and the Tumor Microenvironment.....	167
	Daolin Tang and Michael T. Lotze	
10	Autophagy and Cancer Therapy	191
	Andrew Thorburn and Michael J. Morgan	
11	The Cross Talk Between Apoptosis and Autophagy	205
	Megan M. Young and Hong-Gang Wang	

12 Autophagy and Cancer Drug Discovery 225
Hua Yang, Jessica A. Williams, Yifeng Hou, Menghang Xia,
Ying-Hong Shi, Jia Fan, and Wen-Xing Ding

Index..... 255



<http://www.springer.com/978-1-4614-6560-7>

Autophagy and Cancer

Wang, H.-G. (Ed.)

2013, XI, 261 p., Hardcover

ISBN: 978-1-4614-6560-7