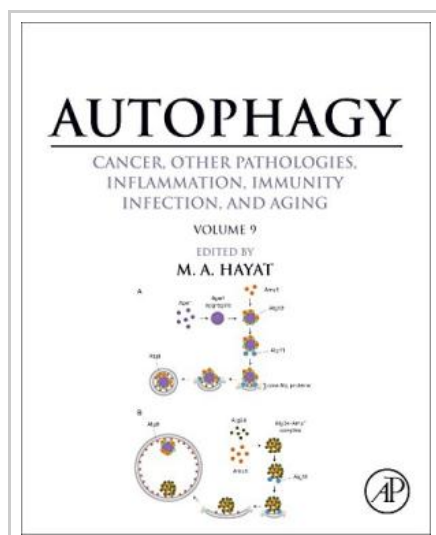




Autophagy: Cancer, Other Pathologies, Inflammation, Immunity, Infection, and Aging: Human Diseases and Autophagosome Volume 9 (Hardback)

By M. A. Hayat

Elsevier Science Publishing Co Inc, United States, 2016. Hardback. Book Condition: New. 235 x 191 mm. Language: English . Brand New Book. Autophagy: Cancer, Other Pathologies, Inflammation, Immunity, Infection, and Aging: Volume 9: Human Diseases and Autophagosome offers a valuable guide to both cellular processes while helping researchers explore their potentially important connections. Volume 9 emphasizes the role of autophagy in diseases, such as leukemia, antifungal and antibacterial immunity, and transplantation. This volume also explains, in detail, the molecular mechanism(s) underlying the formation of autophagosomes, including the progression of omegasomes to autophagosomes. This information is important because one of the major functions of autophagy is to degrade and eliminate excessive, old, and harmful materials from the cell. Autophagosomes receive these materials (cellular cargo) and transport them to lysosomes for degradation. Lysosomes contain the digestive enzymes (hydrolases) that breakdown proteins, lipids, carbohydrates, etc. (self-digestion). To further explain this phenomenon, the role of the endoplasmic reticulum (ER) in the formation of autophagosomes is discussed. ULK1 and Beclin 1 proteins are also important in the initial formation of autophagosomes, and are also discussed. Because much of the early research in this area was carried out using yeast cells, the

Reviews

This composed pdf is great. It usually will not cost too much. I am very easily can get a pleasure of reading a composed book.

-- **Luis Klein**

This published book is wonderful. It is really simplified but unexpected situations within the fifty percent of the ebook. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Dr. Janis Reilly**

Other Books



Mother Stories (Paperback)

Bluewater Publications, United States, 2010. Paperback. Book Condition: New. Sarah Noble-Ives (illustrator). 235 x 191 mm. Language: English . Brand New Book ***** Print on Demand *****.I have endeavored to write, for mothers and dear little children, a few simple stories, embodying...



Mother Carey s Chickens (Paperback)

BOOK JUNGLE, United States, 2010. Paperback. Book Condition: New. 235 x 191 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin was an American children s author and educator. She started the first free kindergarten in San...



A Parent s Guide to STEM (Paperback)

U.S. News World Report, United States, 2015. Paperback. Book Condition: New. 214 x 149 mm. Language: English . Brand New Book ***** Print on Demand *****.This lively, colorful guidebook provides everything you need to know to help your child get inspired, succeed...



The Well-Trained Mind: A Guide to Classical Education at Home (Hardback)

WW Norton Co, United States, 2016. Hardback. Book Condition: New. 4th Revised edition. 244 x 165 mm. Language: English . Brand New Book. The Well-Trained Mind will instruct you, step by step, on how to give your child an academically rigorous, comprehensive...



Hands Free Mama: A Guide to Putting Down the Phone, Burning the To-Do List, and Letting Go of Perfection to Grasp What Really Matters! (Paperback)

ZONDERVAN, United States, 2014. Paperback. Book Condition: New. 211 x 137 mm. Language: English . Brand New Book. Rachel Macy Stafford s post The Day I Stopped Saying Hurry Up was a true phenomenon on The Huffington Post, igniting countless conversations online...



The Birds Christmas Carol (Paperback)

BOOK JUNGLE, United States, 2009. Paperback. Book Condition: New. 235 x 190 mm. Language: English . Brand New Book ***** Print on Demand *****.Kate Douglas Wiggin was an American children s author and educator. She started the first free kindergarten in San...