

1. Record Nr.	UNINA9910583096703321
Titolo	Obesity : oxidative stress and dietary antioxidants / / edited by Amelia Marti del Moral, Concepcion Maria Aguilera Garcia
Pubbl/distr/stampa	London, United Kingdom : , : Academic Press, an imprint of Elsevier, , [2018] ©2018
ISBN	0-12-812505-5
Descrizione fisica	1 online resource (306 pages)
Disciplina	616.398
Soggetti	Obesity Oxidative stress Antioxidants - Therapeutic use
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Note continued: ; 4.2. Role of Zinc in Metabolic Syndrome and Obesity -- ; 4.3. The Role of Zinc as an Antioxidant -- ; 5. Concluding Remarks -- List of Abbreviations -- References -- ; 11. Polyphenols in Obesity and Metabolic Syndrome / Oscar D. Rangel-Huerta -- ; 1. Obesity and Metabolic Syndrome -- ; 2. Oxidative Stress and Antioxidant Defense -- ; 2.1. Oxidative Stress and Metabolic Syndrome -- ; 3. Exogenous Antioxidants -- ; 4. Polyphenols -- ; 5. Classification of Polyphenols -- ; 5.1. Nonflavonoids -- ; 5.2. Flavonoids -- ; 6. Conclusion -- Glossary -- List of Acronyms and Abbreviations -- References -- ; 12. Aging, Telomere Integrity, and Antioxidant Food / Amelia Marti del Moral -- ; 1. Aging and Cellular Senescence -- ; 2. Oxidative Stress and Aging -- ; 3. Telomeres as Markers of Biological Age -- ; 4. Telomere Integrity in Human Studies -- ; 5. Precision Nutrition for Telomere Integrity -- ; 5.1. Nutrients -- ; 5.2. Fat Intake -- ; 5.3. Foods and Beverages -- ; 5.4. Dietary Patterns -- ; 6. Conclusions -- List of Abbreviations -- Acknowledgments -- References -- ; 13. Antioxidant Supplements in Obesity and Metabolic Syndrome: Angels or Demons / Jesus R. Huertas -- ; 1. Introduction -- ; 2. Oxygen, Reactive Oxygen Species, and Oxidative Stress -- ; 3. Obesity and Diabetes "Pandemic" -- ; 4. Reactive Oxygen Species Production, Mitochondria, and Adaptation -- ;

5. Insulin Resistance, Diabetes, and Reactive Oxygen Species -- ; 6. Cancer and Antioxidants -- ; 7. Mediterranean Diet and Obesity -- ; 8. Conclusions -- List of Acronyms and Abbreviations -- References.
