

Contents

<i>Preface</i>	v
1. Homeostasis of DNA Integrity	1
<i>Marcela Segatto and Maria Isabel Nogueira Cano</i>	
2. Telomerase Activity	25
<i>Daniel Eduardo Gómez, Diego Luis Mengual Gómez, Lina Maloukh and Romina Gabriela Armando</i>	
3. Measurement of Telomere Length	39
<i>Álvaro Pejenaute and Guillermo Zalba Goñi</i>	
4. Telomere Integrity and Length and Cancer Risk	55
<i>Jian Gu and Xifeng Wu</i>	
5. Telomere Length in Cardiovascular Disease	68
<i>Marilena Giannoudi and Ioakim Spyridopoulos</i>	
6. Environmental and Occupational Exposure and Telomere Length	83
<i>Natalia Pawlas</i>	
7. Telomeres and Physical Activity	103
<i>Jean Woo, Ruby Yu and Nelson Tang</i>	
8. Caloric Restriction, Sirtuins, and Ageing	117
<i>Angelo Avogaro and Saula Vigili de Kreutzenberg</i>	
9. Role of Dietary Pattern and Obesity on Telomere Homeostasis	133
<i>Sonia García-Calzón and Amelia Martí del Moral</i>	
10. Advanced Research in Telomeres and Disease Risk	149
<i>Virginia Boccardi, Irene Tassi and Patrizia Mecocci</i>	
11. Clinical Aspects Relevant to Telomere Maintenance and Therapeutic Opportunities	162
<i>Brooke R. Druliner, Mohamad Mouchli and Lisa A. Boardman</i>	
<i>Index</i>	177