

Contents

Preface: To the Reader	vii
Editor	ix
Contributors	xi
5G Appeal	xiii
 Chapter 1 Mobile Communications and Public Health	1
<i>Marko S. Markov</i>	
 Chapter 2 Cell Phone Radiation: Evidence From ELF and RF Studies Supporting More Inclusive Risk Identification and Assessment.....	25
<i>Carl Blackman</i>	
 Chapter 3 Public Exposure to Radio Frequency Electromagnetic Fields	47
<i>Peter Gajšek</i>	
 Chapter 4 Health Effects of Chronic Exposure to Radiation From Mobile Communication	65
<i>Igor Belyaev</i>	
 Chapter 5 Can Electromagnetic Field Exposure Caused by Mobile Communication Systems in a Public Environment Be Counted as Dominant?.....	101
<i>Jolanta Karpowicz, Dina Šimunić, and Krzysztof Gryz</i>	
 Chapter 6 Low-Level Thermal Signals: An Understudied Aspect of Radio Frequency Field Exposures with Potential Implications on Public Health	129
<i>Lucas A. Portelli</i>	
 Chapter 7 How Cancer Can Be Caused by Microwave Frequency Electromagnetic Field (EMF) Exposures: EMF Activation of Voltage-Gated Calcium Channels (VGCCs) Can Cause Cancer Including Tumor Promotion, Tissue Invasion, and Metastasis via 15 Mechanisms.....	165
<i>Martin L. Pall</i>	

Chapter 8	A Summary of Recent Literature (2007–2017) on Neurobiological Effects of Radio Frequency Radiation	187
	<i>Henry Lai</i>	
Chapter 9	Radiobiological Arguments for Assessing the Electromagnetic Hazard to Public Health for the Beginning of the Twenty-First Century: The Opinion of the Russian Scientist.....	223
	<i>Yury G. Grigoriev</i>	
Chapter 10	A Longitudinal Study of Psychophysiological Indicators in Pupils Users of Mobile Communications in Russia (2006–2017): Children Are in the Group of Risk	237
	<i>Yury G. Grigoriev and Natalia I. Khorseva</i>	
Index		253