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Titolo	Angiotensin-(1-7) : A Comprehensive Review / / edited by Robson Augusto Souza Santos
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Nota di contenuto	INTRODUCTION -- 1.ANGIOTENSIN-(1-7) FORMATION AND METABOLISM -- Part I. TOOLS FOR STUDYING ANG-(1-7) -- 2. Pharmacological Tools-RAS -- 3. Genetic Models (ACE2 Models, MAS Models, Ang-(1-7) Models) -- Part II. ACTIONS OF ANGIOTENSIN-(1-7) -- 4. Brain (Ang-(1-7) Metabolism in the Brain, Ang-(1-7) Location in the Brain, MAS Location in the Brain, Ang-(1-7) Actions in the Brain, Cardiovascular Effects of Angiotensin-(1-7) at Specific Medullary Sites, Cardiovascular Effects of Angiotensin-(1-7) at Specific Hypothalamic Sites, Other Angiotensin-(1-7) Effects in the Brain, Neurotransmitter / Neuromodulator Effects of Ang-(1-7) -- 5. Heart (B1 Coronary vessels & Cardiomyocytes) -- 6. Ang-(1–7) and Cardioprotection -- 7. Blood Vessels -- 8. Kidney -- 9. Lung -- 10. Endocrine System -- 11. Skeletal Muscle System -- 12. Liver -- 13. Angiotensin-(1-7) and inflammation -- 14. J. Angiotensin-(-1-7) and Cancer -- 15. CONCLUDING REMARKS -- ACKNOWLEDGMENTS.
Sommario/riassunto	This is the first book addressing in full the most important aspects of the angiotensin-(1-7), the key peptide of the protective axis and the main component in the new modulatory concept of the renin-angiotensin system. It features a detailed review of angiotensin-(1-7) and its receptor Mas, comprising the historical background, enzymatic

pathways for generation, functions, integrative aspects of its protective profile, and its therapeutic potential. It also encompasses a comprehensive presentation of current knowledge about its widespread biological actions on several tissues, as well as the most recent scientific achievements, emerging from preclinical and clinical trials. Dr. Santos is a renowned researcher on the Renin-Angiontensin system, with remarkable achievements regarding the role of peptides such as alamandine and angiontensin-(1-7). He has also worked on the potential clinical applicability of angiotensin-(1-7)-related drugs for cardiovascular diseases. He has an extensive publication record in the field, including the publication of the book The Protective Arm of the Renin Angiotensin System (Academic Press, 2015). Angiotensin-(1-7) will make a unique contribution to the literature and will be an important resource for biomedical students and researchers, medical practitioners and any other professional interested in this peptide and its role in the renin-angiotensin system.