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Collana	Oxidative stress in applied basic research and clinical practice
Altri autori (Persone)	AgarwalAshok, HCLD AzizNabil RizkBotros
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Soggetti	Oxidative stress Women - Health and hygiene
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Early Embryonic Embryopathies and Oxidative Stress -- Methods for the Detection of ROS in Female Reproductive System -- Oxidative Stress and the Endometrium -- Oxidative Stress, Oogenesis and Folliculogenesis -- Placental Vascular Morphogenesis and Oxidative Stress -- The Use of Antioxidants in Pre-eclampsia -- Recurrent Pregnancy Loss and Oxidative Stress -- Pre-term Rupture of Membranes and Oxidative Stress -- Endometriosis and Oxidative Stress -- Oxidative Stress Impact on the Fertility of Women with Polycystic Ovary Syndrome -- The Menopause and Oxidative Stress -- OS in ART (includes IVM, oocyte cryo-preservation and hydrosapinx) -- Antioxidant Strategies to Overcome OS in IVF-embryo Transfer -- Oxidative Insult after Ischemia/Reperfusion in Older Adults -- Relationship of Oxidative Stress with Cardiovascular Disease -- Female Infertility and Free Radicals: Potential Role in Adhesions and Endometriosis -- Impact of Life Style Factors on Oxidative Stress.
Sommario/riassunto	Oxidative stress in women's health has been of interest only in the last two decades. The gap between the basic research and the clinical practice has been the main reason for the lack of progress. As in many areas of medicine, research is ahead of the clinical practice. This book aims to bridge this wide gap, promoting scientific curiosity and laying

the foundation for evidence-based practice. Written by leading experts on reproductive health and fertility, the *Studies on Women's Health* is of great interest to infertility specialists, gynecologists and reproductive endocrinologists. This volume also addresses the complex interplay of oxidative stress in cardiovascular disease and relationship with women's health. The book covers over its seventeen chapters almost every aspect in female reproduction. Oxidative stress effects oogenesis, folliculogenesis and embryogenesis. The role of oxidative stress in pregnancy maintenance and loss is of prime importance. Premature rupture of membranes is a challenge to all practicing obstetricians. *Studies on Women's Health* covers polycystic ovarian syndrome, endometriosis which are the two most common diseases in women of reproductive age. The role of oxidative stress in assisted reproduction is elegantly discussed in this book. Oxidative stress in women's health is written by leaders in reproductive medicine. Ashok Agarwal is Professor of Urology, Cleveland Clinic, Ohio, USA; Botros Rizk, Professor of Obstetrics and Gynecology, University of South Alabama College of Medicine, Mobile, Alabama, USA; Nabil Aziz is a consultant gynecologist, Liverpool University, Liverpool, England.
