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Titolo	IVF technologies and infertility : current practices and new perspectives // edited by Iavor K. Vladimirov
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Nota di contenuto	1. Introductory Chapter: IVF Technology and Perspectives -- 2. Semen Analysis and Infertility -- 3. Utilization of a Fertile Chip in Cases of Male Infertility -- 4. In vitro Maturation (IVM) Perspectives -- 5. The Role of Oocyte Cryopreservation in Assisted Reproduction -- 6. Quality Management System in Medical Assisted Reproductive Technology (MART) -- 7. Recent Advances in Immunotherapeutic Approaches for Recurrent Reproductive Failure -- 8. Artificial Intelligence for Ovarian Stimulation -- 9. Perspective Chapter: Ovarian Reproductive Aging and Rejuvenation Strategies.
Sommario/riassunto	The development of science and technology in recent decades has enabled IVF methods to occupy a leading place in the treatment of infertility. This book introduces some modern infertility treatment methods that are part of IVF technologies, focusing on clinical practice. Topics discussed include semen analysis, ovarian stimulation, and basic methods applied in the IVF laboratory. The book also addresses diagnostics and treatment of the immunological factor of infertility as well as the relationship between infertility and reproductive age. This book will increase readers' knowledge and understanding of the treatment of infertility using in vitro technologies.