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Titolo	Assisted Reproductive Technologies in Animals Volume 2 : Future Developments and Considerations / / edited by Juan Carlos Gardón, Katy Satué Ambrojo
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Nota di contenuto	Part 1: Current trends for reproductive management -- The use of ultrasonography in bovine reproduction -- Equine cloning and its impact on production -- Stored and frozen semen in swine -- Nanoparticles applied to assisted reproductive technologies: development, applications, and concerns -- Part 2: Future developments and considerations -- Reproductive studies in autochthonous breeds of the Region of Murcia: The current and future status of the Animal Germplasm Bank of the IMIDA.-Decellularization of reproductive tissues: techniques, applications, and challenges -- Abnormal Offspring Syndrome.-Reproduction and captive breeding of threatened wild birds -- Artificial intelligence and its impact on predicting embryo and sperm characteristics.
Sommario/riassunto	This Volume 2 of a two-volume topical collection highlights reproductive biotechnologies applied to males and females of different animal species. Organized in two parts, you will find a detailed review of the latest developments in reproduction management for equines, cattle, swine, and birds. The authors discuss the application of

ultrasonography, equine cloning, animal germplasm banks, the captive breeding of threatened wild birds, as well as nanotechnologies and artificial intelligence. Vivid illustrations complement the rich information. Each contributor brings an own perspective, knowledge, and writing style, resulting in the latest research results, advances, and current trends in assisted reproductive technologies. The work also includes case studies and hands-on examples to provide readers with real-life applications. The practical approach will enhance the learning experience and differentiates this volume from mainly theoretical literature. Specifically tailored to the professional audience within the field of assisted animal reproduction, this book will update veterinarians, researchers, animal breeders, and advanced students. By presenting innovative techniques and approaches not widely covered in other works, this volume offers new perspectives and ideas for reproductive management.
