



Heiner Niemann, Christine Wrenzycki (Eds.)

Animal Biotechnology 1

Reproductive Biotechnologies

- Discusses state-of-the art methods in artificial insemination
- Reviews embryo transfer technologies in ruminants, pigs and horses
- Volume 1 and Volume 2 together provide a comprehensive overview on technologies and developments in the field of animal biotechnology

This two-volume textbook provides a comprehensive overview on the broad field of Animal Biotechnology with a special focus on livestock reproduction and breeding. The reader will be introduced to a variety of state-of-the-art technologies and emerging genetic tools and their applications in animal production. Also, ethics and legal aspects of animal biotechnology will be discussed and new trends and developments in the field will be critically assessed. The two-volume work is a must-have for graduate students, advanced undergraduates and researchers in the field of veterinary medicine, genetics and animal biotechnology. This first volume mainly focuses on artificial insemination, embryo transfer technologies in diverse animal species and cryopreservation of oocytes and embryos.

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