Record Nr. UNINA9910735793203321 Boar Reproduction: Fundamentals and New Biotechnological Trends // **Titolo** edited by Sergi Bonet, Isabel Casas, William V Holt, Marc Yeste Pubbl/distr/stampa Berlin, Heidelberg:,: Springer Berlin Heidelberg:,: Imprint: Springer, , 2013 **ISBN** 1-299-33661-2 3-642-35049-6 Edizione [1st ed. 2013.] 1 online resource (633 p.) Descrizione fisica 636.4/08926 Disciplina Soggetti Animal genetics Animal physiology Biotechnology **Animal Genetics and Genomics Animal Physiology** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Boar Spermatozoa Within the Male Genital Tract -- Boar Spermatozoa Within the Male Genital Tract -- Artificial Insemination (AI) Technologies on Pigs. Latent knowledge in the field of pig reproduction is vast but scattered. Sommario/riassunto making it difficult to take in all information at a glance. Moreover, nascent branches in biotechnology cannot grow if deprived of roots. The book Boar Reproduction: Fundamentals and New Biotechnological Trends links the past, the present and the emerging scientific research fields on reproductive biotechnology, offering a rigorous but easy to follow compilation of topics, from "old favorites" to the latest advances. The book is organized in three parts. The chapters of the first and second part cover various biological aspects of boar spermatozoa within the male, and within the female environments, respectively. The most common laboratory and artificial insemination techniques are discussed in the third part. As an additional feature, some chapters focus on the basis of a technology transfer to bring research expertise

from basic science to the market, making the information provided in

this book suitable for academic, research and other professional applications.