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Autore	Houdebine Louis-Marie
Titolo	Animal transgenesis and cloning
Pubbl/distr/stampa	[Place of publication not identified], : Wiley, 2003
ISBN	0-470-84828-6 1-280-55600-5 9786610556007 0-470-86728-0
Edizione	[1st ed.]
Descrizione fisica	1 online resource (229 pages)
Disciplina	636.0821
Soggetti	Reproductive Techniques Genetic Techniques Animal Population Groups Organisms, Genetically Modified Investigative Techniques Organism Forms Animals Analytical, Diagnostic and Therapeutic Techniques and Equipment Eukaryota Organisms Cloning, Organism Animals, Genetically Modified Genetic Engineering Biology Health & Biological Sciences Genetics Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	From the gene to the transgenic animal -- Techniques for cloning and transgenesis -- Applications of cloning and transgenesis -- Limits and risks of cloning, gene therapy and transgenesis.

Animal Transgenesis and Cloning is a concise, balanced introduction to this dynamic subject, covering key issues and current techniques currently used in animal transgenesis and cloning. Whilst providing the reader with the essentials of the subject, from the molecular basis of gene structure and function to therapeutic gene cloning in humans, social and ethical implications of this important area of research are also considered. Written in a clear, accessible style, the book starts with an introduction to key molecular biology techniques and in particular, considers techniques used specifically for cloning animals and generating transgenic animals. Later chapters examine the diverse theoretical, technical and ethical issues raised by cloning and transgenesis in both animals and humans.

Animal Transgenesis and Cloning:\*

- Is an accessible, concise introduction to this dynamic field\*
- Discusses biological, technical and ethical issues related to cloning and transgenesis\*
- Provides an up-to-date account of the latest research methods and applications.

Reviews'

This is a proposal for a book translation in a field that is clearly of importance and very topical. The idea of the book, from gene to transgenic animal, to its uses and abuses is sound and logical ..... It is probable that I would suggest (using) a book similar to the one proposed' Dr Janet Smith, University of Birmingham.

'Chapter one was a tour de force! Very concise and admirably clear ..... I was particularly impressed with the author's 2-page summary of eukaryotic gene regulation, which is no mean achievement!' Dr David de Pomerai, University of Nottingham.' ..... I felt that this is a well written, topical book. It covers a lot of ground ..... in my opinion the author manages to provide a satisfying amount of detail and a well focussed treatment of each topic. I like the logic of the book, the fact that it pulls together all of the issues into one readable and manageable text' Dr Brendan Curran, Queen Mary, University of London.

2. Record Nr.	UNINA9911016079603321
Autore	Hamdan A. L (Abdul Latif)
Titolo	Voice Disorders in Fibromyalgia // by Abdul-latif Hamdan, Robert Thayer Sataloff, Mary J. Hawkshaw
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-97751-3
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (242 pages)
Collana	Medicine Series
Altri autori (Persone)	SataloffRobert Thayer HawkshawMary J
Disciplina	617.51
Soggetti	Otolaryngology Medicine Otorhinolaryngology Clinical Medicine
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Introduction -- 2. Anatomy and Physiology of the Voice -- 3. Evaluation of Patients with Voice Disorders -- 4. Fibromyalgia: Clinical Presentation, Pathophysiology and Diagnosis -- 5. Prevalence of Voice Disorders in Fibromyalgia -- 6. Breathing Disorders in Fibromyalgia: Is the Power Source of Voice in Jeopardy -- 7. Gastro-intestinal disorders in Fibromyalgia and their Impact on Voice -- 8. Rheumatologic Diseases in Fibromyalgia and Impact on Voice -- 9. Pain, Central Sensitization in Fibromyalgia and Voice -- 10. Impact of reduced muscle strength in Fibromyalgia on Voice -- 11. Autonomic Nervous System Dysfunction in Fibromyalgia and its effects on voice -- 12. The effect on Voice of Sleep Disorders in Fibromyalgia -- 13. Chronic Fatigue Syndrome, Depression, Fibromyalgia and Voice -- 14. Obesity in patients with Fibromyalgia and its impact on voice -- 15. Treatment of Fibromyalgia -- 16. Conclusion.
Sommario/riassunto	This book presents a review of the literature on voice disorders in patients with fibromyalgia with a thorough discussion of the pathophysiology of those disorders. The impact of poor muscle contraction and the decrease in functional capacity on voice are discussed in the context of this syndrome. Similarly, the adverse effect

on phonation of the decrease in maximum expiratory force and of dyspnea in patients with fibromyalgia is highlighted. The authors also discuss the laryngeal manifestation of the numerous comorbidities associated with this syndrome, such as chronic fatigue syndrome, gastro-esophageal reflux disease, obesity, sleep apnea, and autonomic nervous system dysfunction. Treatment-induced change in voice quality also is highlighted, and ideas for future research on the link between fibromyalgia and phonation are suggested. Voice Disorders in Fibromyalgia is beneficial for otolaryngologists, laryngologists, family doctors, internists, rheumatologists, speech-language pathologists, phoniatrists, voice therapists, and physiotherapists.

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