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Titolo	Broiler Industry / / edited by Guillermo Tellez-Isaias, Juan Latorre, Yordan Martinez-Aguilar
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Descrizione fisica	1 online resource (184 pages)
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. The Impact of Heavy Metals on the Chicken Gut Microbiota and Their Health and Diseases -- 2. Low Pathogenic Avian Influenza: A Permanent Threat to Poultry Farming in Africa -- 3. Expression of Certain Cytokine Genes in Avian Cells Infected with Newcastle Disease Virus -- 4. Advances in the Nutrition of Functional Amino Acids in Healthy and Immunologically Challenged Birds -- 5. An Overview of Poultry Meat Quality and Myopathies -- 6. Broiler Amino Acid Research: Then and Now -- 7. Thermal Manipulation: Embryonic Development, Hatchability, and Hatching Quality of Broiler Chicks -- 8. Use of Additives and Evaluation of the Quality of Broiler Meat -- 9. Value and Limitations of Formaldehyde for Hatch Cabinet Applications: The Search for Alternatives.
Sommario/riassunto	The poultry industry has been continuously evolving in multiple research and management areas, including hatchery practices, disease control, genetic selection, intestinal physiology, and nutrition, among others. For instance, it has been observed that amino acid requirements tend to change based on the different environmental and immunological challenges that an animal is undergoing. In addition, a continuous improvement in feed efficiency and growth performance has also affected meat quality parameters. Additionally, research on the impact of hatchery settings and environmental conditions on embryonic development and performance parameters is crucial for an economically feasible production, considering the importance of animal

welfare as well. This book provides a compilation of recent scientific information on different pivotal areas of the broiler industry.
