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[Genetic Engineering: Volume 2: Applications, Bioethics, and Biosafety 1st Edition](#)

"Genetic Engineering: Volume 2: Applications, Bioethics, and Biosafety" is a comprehensive exploration of the multifaceted world of genetic engineering, meticulously authored by renowned expert Dr. Paul J. McGregor. This first edition, published by Academic Press, delves into the practical applications of genetic engineering across various fields including agriculture, medicine, and environmental science, illustrating how these innovations are revolutionizing our approach to global challenges. The book critically examines the ethical considerations surrounding genetic modification, such as the implications for biodiversity, food security, and public health. By addressing biosafety protocols and regulatory frameworks, Dr. McGregor offers a balanced perspective on the risks and benefits associated with genetic interventions. This volume serves as an essential resource for researchers, policymakers, and students alike, providing a deep understanding of how genetic engineering is shaping our future while highlighting the vital need for responsible practices. The ISBN for this pivotal work is 9780128238227, ensuring easy access for those seeking to enhance their knowledge and engage in informed discussions about the future of genetic technologies. As you delve into this enlightening text, you will gain insights into not only the scientific advancements but also the societal impacts that accompany them, making it a must-read for anyone interested in the intersection of science, ethics, and policy.