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[Human Molecular Genetics 5th Edition](#)

"Human Molecular Genetics, 5th Edition" authored by Tom Strachan and Andrew Read, is an essential resource for students and professionals alike, published by Garland Science. With the ISBN 978-0815345053, this comprehensive text delves into the intriguing world of human molecular genetics, presenting the subject matter with clarity and depth. The latest edition reflects advancements in the field, incorporating the most recent research findings and developments in genetic technologies, including CRISPR and next-generation sequencing. Throughout the book, readers will find a balanced blend of theoretical concepts and practical applications, making it an invaluable tool for understanding the molecular basis of human biology, inheritance, and various genetic disorders. Each chapter is meticulously structured, providing an insightful exploration of topics such as gene regulation, genetic mapping, and the role of genetics in complex diseases. The authors employ engaging illustrations and diagrams to elucidate complex processes, ensuring that even those new to the subject can grasp key concepts. With a strong emphasis on real-world applications, "Human Molecular Genetics" leads readers through the implications of genetic discoveries in medicine, biotechnology, and ethics, fostering a nuanced understanding of the responsibilities that come with advanced genetic knowledge. Ideal for undergraduate and graduate courses, as well as for healthcare and research professionals, this book sets a benchmark in genetic literature. Whether you are looking to gain a solid foundation in molecular genetics or seeking to stay updated on the latest advancements in the field, the 5th Edition of "Human Molecular Genetics" is a must-have guide for anyone interested in the genetic underpinnings of human health and disease.