

DNA Replication

About the Book

DNA replication is a basic part of the life cycle of all the organisms. Many characteristics of this process show thorough conservation across organisms in all domains of life. This book outlines and reviews the present condition of knowledge on numerous crucial aspects of the DNA replication procedure. DNA replication is a crucial process in both development and growth and in relation to a wide variety of pathological conditions including cancer. The book contains novel insights into the whole process of DNA replication covered under two broad sections, "Machines that Drive DNA Replication" and "Mechanisms that Protect Chromosome Integrity during DNA Replication". It is also a compilation of thought provoking questions and summaries to give way to future investigations.

About the Editor

Tom Lee received his Master of Molecular Biology (MMolBiol) degree from the University of Queensland, Australia. He serves as a senior lecturer and teaches courses on molecular genetics and DNA & protein engineering. He is currently pursuing his doctoral degree and his thesis is based on DNA sequencing and DNA replication. Lee has attended several international scientific conferences in the field of molecular biology and genetics. He has contributed more than 70 articles and research papers to leading scientific journals.

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