

Calculations for

Third Edition

MOLECULAR BIOLOGY AND BIOTECHNOLOGY

Frank H. Stephenson

Calculations in Molecular Biology and Biotechnology, Third Edition, helps researchers utilizing molecular biology and biotechnology techniques to understand which type of calculation to use and why. Research in biotechnology and molecular biology requires a vast amount of calculations. Results of one data set become the basis of the next. An error in choosing the wrong type of equation can turn what would have been a successful research project or weeks of labor and research into a veritable house of cards. It could be how you calculated the medium in which you test your sample, to calculating how long it takes a sample to grow, or calculating the synthesis of multiple variables.

In one easy-to-use reference, Stephenson reviews the mathematics and statistics related to the day-to-day functions of biotechnology and molecular biology laboratories, which is a sticking point for many students, technicians, and researchers. This book covers all of the basic mathematical and statistical procedures needed for such laboratory work and is an essential tool for aspiring students and experienced professionals alike.



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