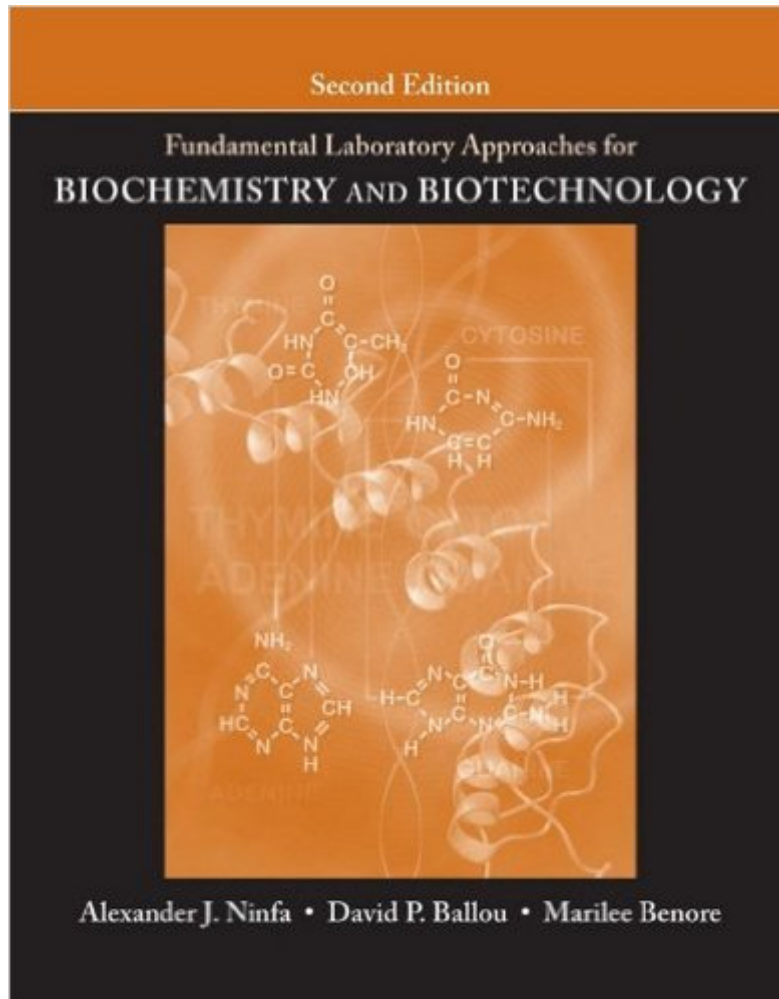


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# Fundamental Laboratory Approaches For Biochemistry And Biotechnology



## Synopsis

Ninfa/Ballou/Benore is a solid biochemistry lab manual, dedicated to developing research skills in students, allowing them to learn techniques and develop the organizational approaches necessary to conduct laboratory research. Ninfa/Ballou/Benore focuses on basic biochemistry laboratory techniques with a few molecular biology exercises, a reflection of most courses which concentrate on traditional biochemistry experiments and techniques. The manual also includes an introduction to ethics in the laboratory, uncommon in similar manuals. Most importantly, perhaps, is the authors' three-pronged approach to encouraging students to think like a research scientist: first, the authors introduce the scientific method and the hypothesis as a framework for developing conclusive experiments; second, the manual's experiments are designed to become increasingly complex in order to teach more advanced techniques and analysis; finally, gradually, the students are required to devise their own protocols. In this way, students and instructors are able to break away from a "cookbook" approach and to think and investigate for themselves. Suitable for lower-level and upper-level courses; Ninfa spans these courses and can also be used for some first-year graduate work.

## Book Information

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## Customer Reviews

The background information for each lab is very in depth and clear. We have used the experiments successfully and referred to the text only for lab theory/introduction. In both cases, I have seen no problem with the material or its presentation. The only issue is that the structures for adenine and

thymine are incorrect on the cover.

I used this book as a lab manual for my Biochemistry class in college. The book itself is well organized in most respects. However, there are some parts that were well explained in the manual when it came to trying to answer the problems at the end of each experiment. Some of the examples given in the pre-lab didn't apply to the questions being asked so it would lead our class to having to nag the professor for some answers on how to solve the problem. Overall though the techniques employed are relative and effective when it comes to the biochemistry field.

Ok lab introductions, but I cannot tell you how it is for lab procedure as my course had its own protocols. Only get it if required for class.

I needed the book for the class, I am hoping it will help me. The prof we have is not good so that will make it worse.

its a book, it has okay protocols, but weird differences with in the same edition.

This product was in good shape and served its purpose.

The writing is difficult and hard to understand.

Excellent Book! Covers the issues very well.

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