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With you to save you years of hardship with experiments that refuse to work because you haven't fine-tuned the techniques. This book contains just over a dozen recipes, ideas for experiments, a search and trouble-shooting, and descriptions of what each technique really is—what you are doing at each step and why you are doing it—for basic molecular biology purposes. I did my best to include tips to increase the efficiency of these processes and techniques, as well as discussing different boxes that could compromise the experiment (and one thinks about hydrogen peroxide degradation and quenching work). These techniques may also be called “molecular microbiology”, which is simply “molecular biology” in a microbiologist’s context. In case you were wondering what you were really getting here.

Please note that these protocols will not attributed to any one specific person. It doesn’t mean that I came up with the techniques myself; it means that these techniques are very common and you can find hundreds of variations via the Internet or the laboratories you interact with, or these are Franken-protocols (bits in the book and all) that I cooked together from what I considered to be the best practices and protocols that I have seen. I take credit only for my own experiences and tips that I give you here.

I have had many teachers, whether professors, graduate students, technicians, undergraduates, company employees, or my own failures. These teachers have been invaluable to garnering the experience that I write about in this book, whether we had a formal meeting, I took a course, or just half conversations in the hallways (the majority of my education has been in hallways and in failures).

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