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## At the bench a laboratory navigator updated edition

At Benchis, it is a unique and extremely successful manual for living and working in the laboratory, a necessary help in understanding basic laboratory techniques and how research groups operate at the human level. In this newly revised release, chapters have been rewritten to take into account the impact of computer technology and the Internet, not only on data acquisition and analysis, but also on its organization and presentation. Alternatives to the use of radiation have been expanded and figures and illustrations have been re drawn to reflect changes in laboratory equipment and procedures. Academia.edu no longer supports internet Explorer. To browsing Academia.edu wider Internet faster and safer, take a few seconds to upgrade your browser. Academia.edu uses cookies to personalize content, customize advertising, and improve your user experience. By using our website, you consent to our collection of information through cookies. To learn more, see our Privacy Policy.\* Amazon's response to COVID-19 At the Bench is a unique and extremely successful manual for living and working in the lab, a necessary help in understanding basic laboratory techniques and how research groups operate at the human level. In this newly revised release, chapters have been rewritten to take into account the impact of computer technology and the Internet, not only on data acquisition and analysis, but also on its organization and presentation. Alternatives to the use of radiation have been expanded and figures and illustrations have been re drawn to reflect changes in laboratory equipment and procedures. Wise, lightweight but entirely practical, Dr. Barker offers advice, moral support, social etiquette and professional assurance along with the premise of nothing, step-by-step instructions for these basic but essential laboratory procedures that experienced researchers know but can't realize novices do. If you are a graduate, a doctor with research intentions or a laboratory technician, this book is essential. If you need to manage or mentor such people, giving copies to each of them will greatly improve your life and theirs. About the author: Kathy Barker received a bachelor's degree in biology and English, and her masters and doctorate in microbiology, from various branches of the University of Massachusetts. She worked as a doctoral student in the viral oncology laboratory at Rockefeller University and was an assistant professor in the Laboratory of Cell Physiology and Immunology at Rockefeller University. He currently lives in Seattle, where he writes and conducts workshops on various aspects of running a lab. Dr. Barker invites you to send any comments or questions to her. Each typical laboratory has a huge number of different basic scientific books and used in everyday work. However, in most cases these quantities only provide or basic scientific knowledge, leaving aside numerous issues directly related to equipment use skills, experiment performance, laboratory policy and the transmission of scientific data, as well as many other aspects of laboratory work. As a result, in most laboratories these skills are passed on as oral folklore from executives to newcomers. On the bench is a wonderful example of a laboratory manual that fills this gap. The book contains, in simple and unambiguous language, guidance on many issues usually overlooked in regular laboratory manuals. ... Barker wisely identified many aspects of laboratory work that are usually not covered by conventional textbooks, making it one of the rarest sources of relevant information required for any successful scientist. In general, the tom is perfectly written, and reading is pleasant by many funny comments from the author. It is highly recommended for anyone who works in research, from undergraduate students to basic researchers, either in the academy or industry. In my opinion, this is the volume you must have for each laboratory. -Quarterly Biology Review In an article on the Career Science Development website, Laura Bonetta describes how the book illustrated the Sino-English Guide for Biomedical Scientists, on the bench, and at the forefront helped foreign scientists adapt to work in the United States. Article: -Science Start review At the Bench: A Laboratory Navigator, Updated Edition (Updated) A great resource for laboratory beginners. I do all my undergrads read during my first semester of work in my lab. However, as was last updated in 2004, some information about internet & communication technology is dated. There is also a lack of information on state-of-the-art techniques such as qPCR, RNA seq, CRISPR, etc. I work with plants, so I see a specific human & animal biology error, but I suppose it has a great resource for laboratory beginners. I do all my undergrads read during my first semester of work in my lab. However, as was last updated in 2004, some information about internet & communication technology is dated. There is also a lack of information on state-of-the-art techniques such as qPCR, RNA seq, CRISPR, etc. I work with plants, so I notice a certain human & animal error, but I suppose it makes sense both given the author's background and the percentage of biologists working in these disciplines. Besides, it never hurts to learn more about different areas; just because research doesn't currently involve them doesn't mean it never will. ... more This book more towards biologists than chemists, but it has some really helpful tips for early grad students both about learning and most of all about being in the lab for the first time. Although covid-19 prevents me from getting into the lab, this book made me feel less anxious about the idea of actually getting there. The book assumes that you are an undergrad biochem; as someone with a cognitive background, without laboratory experience, it was hard, but in the end I managed to follow them. I will keep this as a reference, because a lot of the content in the second half is protocols for specific operations. Here's hoping I can get to the lab on the good side of 2021. our group has been translated into the mother tongue.great Nejssem zrovna cílová skupina, kyselinu do vody dávno neležu a laborator už jsem dobrých 15 let nepodpálila, so it nechávám without hodnocení. Nejmenovaný vědec z mého blízkého či dalekého okolí udělal velkou chybu, že si před cestou do zahraničí nepřečetl kapitoly o zvodilosti, mohl si ušetřit konflikty s tamní vrchní technikou. (Muhaha) Very helpful for lab beginners – I already knew most things here through a good ole fashioned experience, however it was great to get more background knowledge. Every laboratory researcher in each of the biological sciences must have this book. That would probably be good for chemists as well. This review was hidden because it contains spoilers. To see it, click here. very well We would like your help. Let us know what's wrong with this preview of The Bench by Kathy Barker. 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