

'I think this is an excellent book and I started recommending it immediately after I received a copy. I flag it up to students in all years including Masters.'

Dr Michael Winson, Aberystwyth University

'Well-organized and easy to read, Research Methods for the Biosciences is a useful tool for undergraduates, not to mention those involved in teaching in this field.'

Good Clinical Practice Journal

- Demonstrates all essential elements and issues surrounding research in the biosciences in a single coherent resource, to encourage you to think like a researcher
- Places emphasis on active learning, with questions throughout the text and complementary tasks online to reinforce essential concepts and skills through hands-on practice
- Fully-integrated online resources make it easy for you to explore topics in the book to their fullest

Scientific research is the ultimate tool in pushing forward the limit of our understanding. But, as with any tool, research is only powerful if used properly and to its full effect.

Research Methods for the Biosciences demystifies the process of research to equip every biosciences student with the skills they need to get the most out of their investigations. Research isn't solely about experimental design; the book leads you through all the factors that, together, enable effective research. These include planning your experiment; data collection, analysis, interpretation, and reporting; legal and ethical considerations. *Research Methods for the Biosciences* brings together the knowledge and skills required of every good researcher as a coherent whole, making it the essential resource for any biosciences student.

New to this edition

- New three part structure organizes the subject, taking you from the planning stages, through the analysis of data, and on to the report write-up
- Expanded online resources include an interactive risk assessment form with supporting notes, further integrated exercises, and a test bank of questions
- Increased coverage of designing experiments, statistical techniques, and legislation

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For students:

- Statistical software walkthroughs for SPSS, Excel, and Minitab
- Complete details of calculations given in boxes
- Interactive and printable decision web, to aid in designing your experiment
- Interactive and printable risk assessment form
- Integrative exercises based on published and unpublished student work
- Weblinks
- Hyperlinked glossary

For lecturers:

- A bank of test questions and answers
- Figures from the book available to download



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