

Essentials of Writing Biomedical Research Papers

Second Edition

An engaging
and effective
“nuts and bolts”
approach to
scientific writing

Handy chapter
checklists
summarize
key points

Examples culled
from actual research
papers illustrate each
discussed guideline

Review exercises
enable the reader
to apply guidelines
firsthand



Mimi Zeiger

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Essentials of Writing Biomedical Research Papers. Second Edition Mimi Zeiger, 2000 The specific principles of effective biomedical writing are presented and explained This section by section analysis covers the following the introduction materials and methods results discussion figures and tables references abstract and title

The Physician Scientist's Career Guide Mark J. Eisenberg, 2010-10-14 The Physician Scientist s Career Guide provides a complete guide to having a successful career as a Physician Scientist Filled with first hand experiences and practical advice it guides readers through each step of this career path from choosing a degree and training program to navigating the tenure track and through the intricacies of applying for and obtaining funding The volume is unique in that it provides an overview of this entire career path allowing readers to envision and prepare for their futures The Physician Scientist s Career Guide fulfills a unique and crucial need and will be an invaluable guide for medical students fellows and newly appointed faculty members interested in a career in research

An Outline of Scientific Writing Jen Tsi Yang, Janet N. Yang, 1995 This book is aimed at researchers who need to write clear and understandable manuscripts in English Today English is the official language of international conferences and most important publications in science and technology are written in English Therefore learning how to write in English has become part of the researcher s task The book begins by discussing constructs of the English language such as sentence structure and word use It then proceeds to discuss the style and convention used in scientific publications This book is written at such a level that the reader should not have to resort to a dictionary It includes many examples and exercises to clarify the rules and guidelines presented Topics covered in this book include word choice how to avoid redundancy sentence and paragraph structure the planning of a manuscript format nomenclature and style how to present attractive figures and tables references how to prepare a manuscript for publication submission to a journal and checking of proofs and some standard abbreviations and symbols

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Statistics in Research 17 Hypothesis Testing 18 Non parametric and Parametric Tests 19 Correlation Regression and Multivariate Analysis 20 Interpretation of Statistics Part 3 Understanding and Publishing Research 21 Evidence based Physiotherapy 22 Research Proposal 23 Understanding a Research Article 24 Methodology in Research Article 25 Critical Appraisal Tools 26 Critical Appraisal of Clinical Trials 27 Systematic Review and Meta analysis 28 Journal Club Question Bank Further Reading Glossary Appendix Index Writing and Publishing a Scientific Research Paper Subhash Chandra Parija,Vikram Kate,2017-07-28 This book covers all essential aspects of writing scientific research articles presenting eighteen carefully selected titles that offer essential must know content on how to write high quality articles The book also addresses other rarely discussed areas of scientific writing including dealing with rejected manuscripts the reviewer s perspective as to what they expect in a scientific article plagiarism copyright issues and ethical standards in publishing scientific papers Simplicity is the book s hallmark and it aims to provide an accessible comprehensive and essential resource for those seeking guidance on how to publish their research work The importance of publishing research work cannot be overemphasized However a major limitation in publishing work in a scientific journal is the lack of information on or experience with scientific writing and publishing Young faculty and trainees who are starting their research career are in need of a comprehensive guide that provides all essential components of scientific writing and aids them in getting their research work published **How to Write and Publish a Scientific Paper** Barbara Gastel,Robert A. Day,2022-06-30 Thoroughly updated throughout this classic practical text on how to write and publish a scientific paper takes its own advice to be as clear and simple as possible The purpose of scientific writing according to Barbara Gastel and Robert A Day is to communicate new scientific findings Science is simply too important to be communicated in anything other than words of certain meaning This clear beautifully written and often funny text is a must have for anyone who needs to communicate scientific information whether they re writing for a professor other scientists or the general public The thoughtfully revised 9th edition retains the most important material including preparing text and graphics publishing papers and other types of writing and plenty of information on writing style while adding up to date advice on copyright presenting online identifying authors creating visual abstracts and writing in English as a non native language A set of valuable appendixes provide ready reference including words and expressions to avoid SI prefixes a list of helpful websites and a glossary Students and working scientists will want to keep How to Write and Publish a Scientific Paper at their desks and refer to it at every stage of writing and publication **Biomedical Research** G. Jagadeesh,2019-01-01 Specially designed for aspiring researchers this book presents a systematic exposition of the basic principles and methodologies involved in biomedical research The book covers the entire research process from the conception of an idea its development investigation and execution and finally to its publication Various research methodologies including study design and statistical approaches to data analysis are also discussed in detail The importance of ethics and integrity in research is highlighted extensively In addition the book

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