

STRUCTURE OF A BIOLOGY RESEARCH PAPER

1. TITLE

The title of your paper should be an opening statement or question based on the topic of the paper.

2. ABSTRACT

An abstract is a short summary from start to finish of what the paper includes. When writing your abstract, remember the objective. The reader should be able to know exactly what the research paper is about and the results presented.

3. INTRODUCTION

The introduction is self-explanatory, it is the opening discussion where the author can present what the paper is about and what it will try to achieve.

4. METHODS

The methods section explains how tests are carried out so another scientist can copy the procedure. This will be through one of the methods discussed above.

5. RESULTS

This is the section where the results obtained from the method are presented, this can be observational or figure-based.

6. DISCUSSION

This is where the author will discuss results and anything that affected them. This is also where the author will discuss their opinions on the results and if they expected them based on external literature.

7. LITERATURE CITED

Finally, there will be a reference section relating to citations inserted in the text.

How To Write A Biology Research Paper

Anthony S. Fauci



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How to Write and Illustrate a Scientific Paper Björn Gustavii, 2017-02-16 This compact and easy to read book contains essential advice on how to take a manuscript from planning right through to publication It will help both first time writers and more experienced authors to present their results more effectively While retaining the easy to read and well structured approach of previous editions the third edition of this essential guide has been expanded to include comprehensive advice on drawing graphs and information about Open Access publishing Illustrations are discussed in detail with examples of poor illustrations taken from real papers in top ranked journals redrawn for comparison Such before and after examples are also provided to demonstrate good and bad writing styles The reader is offered practical advice from how to present a paper and where to submit the manuscript through to responding to reviewers comments and correcting the proofs all developed through the author s extensive teaching experience and his many years spent working as a journal editor

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individual text components introduction experimental results discussion tables illustrations and typing Other topics address the submission review and publishing processes The writing of reviews conference reports and theses also is discussed Appendices are included on abbreviations and common style and spelling errors wz *From Research to Manuscript* Michael Jay Katz, 2009-01-21 Observations Plus Recipes It has been said that science is the orderly collection of facts about the natural world Scientists however are wary of using the word fact Fact has the feeling of absoluteness and universality whereas scientific observations are neither absolute nor universal For example children have 20 deciduous baby teeth is an observation about the real world but scientists would not call it a fact Some children have fewer deciduous teeth and some have more Even those children who have exactly 20 deciduous teeth use the full set during only a part of their childhood When they are babies and toddlers children have less than 20 visible teeth and as they grow older children begin to lose their deciduous teeth which are then replaced by permanent teeth Children have 20 deciduous baby teeth is not even a complete scientific statement For one thing the statement children have 20 deciduous teeth does not tell us what we mean by teeth When we say teeth do we mean only those that can be seen with the unaided eye or do we also include the hidden unerupted teeth An observation such as children have 20 deciduous teeth is not a fact and by itself it is not acceptable as a scientific statement until its terms are explained scientifically children have 20 deciduous teeth must be accompanied by definitions and qualifiers

Essentials of Writing Biomedical Research Papers. Second Edition Mimi Zeiger, 1999-10-21 Provides immediate help for anyone preparing a biomedical paper by giving specific advice on organizing the components of the paper effective writing techniques writing an effective results section documentation issues sentence structure and much more The new edition includes new examples from the current literature including many involving molecular biology expanded exercises at the end of the book revised explanations on linking key terms transition clauses uses of subheads and emphases If you plan to do any medical writing read this book first and get an immediate advantage [The Routledge Handbook of Corpus Approaches to Discourse Analysis](#) Eric Friginal, Jack A. Hardy, 2020-12-17 The Routledge Handbook of Corpus Approaches to Discourse Analysis highlights the diversity breadth and depth of corpus approaches to discourse analysis compiling new and original research from notable scholars across the globe Chapters showcase recent developments influenced by the exponential growth in linguistic computing advances in corpus design and compilation and the applications of sound quantitative and interpretive techniques in analyzing text and discourse patterns Key discourse domains covered by 35 empirical chapters include Research contexts and methodological considerations Naturally occurring spoken professional and academic discourse Corpus approaches to conversational discourse media discourse and professional and academic writing The Routledge Handbook of Corpus Approaches to Discourse Analysis is key reading for both experienced and novice researchers working at the intersection of corpus linguistics and discourse analysis as well as anyone undertaking study in these areas as well as anyone interested in related fields and adjacent research approaches *Scientific Papers of the*

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