**Research Review Paper for Immunology Lecture**

This book will help you tremendously! : McMillan VE, Arnold R, Priore CF. 2012. Writing Papers in the Biological Sciences. 5th ed. New York: Bedford/St. Martin’s.

Choose a topic dealing with an aspect of immunology that interests you

* Examples: an autoimmune disease, an immunodeficiency, a particular cancer immunotherapy, a new vaccine, contaminant exposure and immunosuppression
* Doesn’t have to be human – you can pick a different species to research

Research journal articles dealing with that topic

* + Although it is useful and sometimes important to have historical perspectives (especially when dealing with classic experiments), it is important that the majority of our references are current (for this, I will say current is **less than 5 years**)
  + Make sure majority of your sources are *primary* sources, need at least **5** papers

|  |  |  |
| --- | --- | --- |
|  | **Points** |  |
| Did you turn your paper in on time? 3 points taken off per day |  |  |
| Length of paper – at least 5 pages (minus title page and lit cited) |  |  |
| Labeled sections – Abstract, Intro, Discussion, Conclusion, Lit Cited | **4** |  |
| **Title Page** - All centered, double space between lines Did you turn in a draft of your paper to be edited by a peer by the appropriate date? |  |  |
| * 1st line: Title – be specific and informative but concise | **1** |  |
| * 2nd line: your name | **1** |  |
| * 3rd line: Immunology | **1** |  |
| * 4th line: Date | **1** |  |
| **Abstract** |  |  |
| * States the purpose and scope of paper (last sentence), general overview | **4** |  |
| * Deals with major points that will be discussed in more detail and ends with summarizing important conclusions | **10** |  |
| * 250 words or less | **4** |  |
| **Introduction** |  |  |
| * Starts broad, include historical information on topic | **10** |  |
| * Ends with very specific statement(s) of what you will be discussing (thesis statement) | **4** |  |
| **Discussion** |  |  |
| * Be organized, be consistent on how you are presenting the information | **4** |  |
| * For this research paper, I would also like for you to include discussion on some of the techniques used for the research. You could even compare research methods presented in one journal article to those presented in another that are looking at the same variable. This is the bulk of your paper. | **20** |  |
| * Be sure to weave all of your information from your different sources together, make sure there is flow. | **8** |  |
| **Conclusion** |  |  |
| * Consolidates the patterns and arguments you have discussed in the body of the paper | **10** |  |
| * Do not introduce new information | **4** |  |
| * What’s next? Where does the research need to go? | **4** |  |
| **Literature Cited** |  |  |
| * CSE format - <https://irsc.libguides.com/c.php?g=146552&p=963230> | **4** |  |
| **Appendix** |  |  |
| * + You may need to include an appendix – maybe if you want to include a table or graphs of some sort   + Table – label on top   + Figure (picture, graph) – label at bottom | **6** |  |
| Be sure to site properly throughout your text   * + - DO NOT copy word-for-word from a source, do not plagiarize!!!!     - Re-write in your own words     - When you are taking a thought from one source and are about to switch to a thought from another source, that is where you would include a citation (author year) |  |  |
| **Total** | **100** |  |