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September 8, 2022

BIO 294

Writing Assignment 1

Primary, also known as original articles are publications or findings written by the author themselves. It is a raw form of information that comes straight from the source. The structure of such articles typically includes sections such as an abstract, methods, and conclusion. Furthermore, it seeks to test a hypothesis through intricate experimental procedures and convey the results that are found.

A review article is a summarization or analysis of previously published work. Unlike primary articles, reviewed articles depend on a person’s current interpretation and understanding of the information. The overall purpose is to identify, summarize and build upon the already existing ideas of the article covered.

A scientific peer review process is a system that analyses the validity and quality of work before it is published. There are different approaches to this system depending on various circumstances. These approaches include single-blind, double-blind, open peer, and transparent peer reviews. Overall, the bottom line of the peer review process is that a group of reviewers within the field that the writing is discussing is chosen to read and analyze the paper and decide if it is credible and relevant to be made public. It all begins when the researcher completes a study and conveys their findings in the form of an article. Then, the article is sent to different scientists that work in the same field of the article’s topic. Those “peer” members review the study and analyze it for validity, relevance, and etc. If there are any problems with the article, it is sent back to the author, who can revise their work and resubmit it for consideration. If the article meets the criteria according to the “peer members” that are reviewing it, it is then allowed to be published.

From the 2 articles provided in this assignment, I identified the one titled “Huntington’s Disease: Mechanics of Pathogenesis and Therapeutic strategies” as the review article. The article itself states that they would “review some of the commonly known functions.”, but it also contains a summarization structure known for review articles. On the other hand, I identified the article titled: “Permanent Inactivation of Huntington’s disease mutation by personalized allele-specific” as the primary article. It provided new information and included sections such as abstract, experimental methods, and the results from the experiment.