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Date: - 01/28/2022

## Writing assignment 2

A primary article is an original scientific report that list new research. Since it is an original paper, it does not include a summarization or a review of another paper. It mostly includes an introduction to the subject, methods used to test and study the hypothesis, result of the hypothesis, discussion, or interpretation of the result, and finally references used to back up the study.

A review article on the other hand is an article that examines the original article. There are two types of review articles: peer-reviewed article, which examines the original paper and is done by experts on the field, and a review article, it summarizes the original article (study). It also consists of an introduction about what the review is about but does not include methods that is discussed in the original paper. Another thing that makes a review article different from an original article is that it does not contain a new experimental result.

A scientific peer-review process is usually a review that is invited by the original researchers before the publication of a research. Once the people who are invited accept the invitation, they will read the study and analyze it, then write an article about the study. The other method is, the original researchers will send their study to a scientific journal publication and the journal editors will send it to other scientists who are experts in the field, those scientists will then send an article to the journal stating their opinion on the paper by using more references and

analyzing the paper itself. The original author then may revise the article and resubmit it to the journal. Once the article meets the scientific standard it will be published on a scientific journal.

“Permanent inactivation of Huntington’s disease mutation by personalized allele-specific CRISPR/Cas9” is a primary article that is written by Juan Wan Shin et.al. This is the primary article because it includes methods used to study how the inactivation of only mutant allele would benefit many dominantly inherited disorders like Huntington’s disease. It also includes the results found after testing out the hypothesis. “Huntington’s Disease: Mechanisms of Pathogenesis and Therapeutic Strategies” is the review article because it summarizes what Huntington’s disease is and how to treat it. It doesn’t give any new results and it references other studies explaining the methods of treatments and clinical trials.

In conclusion, a primary article is an original article that studies a particular hypothesis and lists methods and new results while a review article is an article that summarizes the original article. It is easier to first read a review article before reading an original article because it gives the reader an idea of what the study is about. A peer-review article is an article that analyses the original article before it is published.