

Writing Assignment #2

Primary articles refer to articles that are original scientific reports of new research findings/ discoveries. Primary sections in these articles contain: Introduction, Methods, Discussion and References. They tend to be peer-reviewed in the field prior to publication and therefore differ from “peer reviewed” articles. Primary articles tend to have many data points and in turn have many figures to go along with the article.

Review articles and Secondary sources are commonly used to help enhance the analysis of the primary article. Review articles are articles which organize and analyze the research on the topic. They tend to be easier to read as they are written not only for experts but also students and researchers. Review articles also have listed references that could very well lead to solid primary research articles.

The scientific peer review article must go through several criteria before entering the public. First, the scientist must publish a draft article and submit it to a scholarly journal. The journal editor will determine if the article is fitting for the journal. Then copies of the article are sent to a group of experts that determine the legitimacy of the report. This is where peer review takes place. These peers ask questions of whether the article is sufficient in multiple criteria. Afterwards, the reviewers give feedback to the journal editor on whether the article is appropriate or rejected. The editor actually makes the final decision on whether or not the article makes it in the journal. Months or years could elapse during the peer review process.

Between the two articles provided, the article, “*Permanent inactivation of Huntington's disease mutation by personalized allele-specific CRISPR/Cas9*” is the primary article while the other is the reviewed article. The article is primary because it focuses directly on the experiment and research while providing figures and data points to support claims. The other article is a review article as it reviews a multitude of strategies to help support its claim. Instead of focusing on just one specific strategy and running experiments, the article takes multiple articles to summarize in just one.