

## Writing Assignment #2

Primary articles are original papers written by authors documenting scientific findings from the research they carried out. These articles usually consist of five different sections, the introduction, methods (with subsections being: participants, materials, and procedure), results, discussion, and references. Additionally, primary articles must go through a peer-review process and be approved prior to publication.

Review articles are a type of secondary source which analyze a specific topic by reviewing research from primary articles. These types of articles can provide readers with an overall summary of findings in a specific area of study. Review articles can also offer comparisons of different findings from primary articles on the same topic.

The scientific peer review process consists of articles being sent to review boards made up of peers in the authors area of study. Prior to a scholarly journal publishing an article, it must be approved by the review board. In response to authors having their scholarly article reviewed, they could be denied, told to revise, or approved for publication. More times than not, authors are usually told to provide revisions and resubmit for review. Articles being reviewed can be review articles, empirical studies, and more. The process of peer review helps provide a “checks and balances” to the world of research.

Of the two given articles the primary one is titled *Permanent inactivation of Huntington's disease mutation by personalized allele-specific CRISPR/Cas9*. Some characteristics that the article possesses which point to it being a primary article are the introduction, materials and methods, results, and discussion sections. The second of two provided articles, titled *Huntington's Disease: Mechanisms of Pathogenesis and Therapeutic Strategies*, is a review

article. Signs which point to this being a review article are that it does not have any of the sections found in primary articles. Further suggesting that it is a review article, the sections throughout consist of summarizing different aspects of a specific topic.

Though primary articles and review articles provide a different aspect of research, they both are incredibly important in every field of academia. They are used separately, but also at times used together to help another scholar complete their own research. With the help of the peer review process—no matter what type of article is published—others can know it's integrity has been checked.

