

The difference between a primary article or source and a review article are very important. The primary article out of the two articles we read is definitely the “*Overcoming the Undesirable CRISPR-Cas9 Expression in Gene Correction*”, this article has much more detail about what was found in their study while using the “*CRISPR-Cas9*” system. Just because it is its own study alone makes it eligible for being a primary article, it also has results of their data listed in the article about the study; Another scholar would love to use this primary article in their research for credible data and expected results about the “*CRISPR-Cas9*” system, and so they can have some concrete evidence from a scholarly experiment that was done. This article also states its Materials and methods used throughout the process, and also just the whole format of this article it continues to outline their own process without doing too much on reporting other articles about the topic. The review article is definitely the *Delivery Strategies of the CRISPR-Cas9 Gene-Editing System for Therapeutic Application*; just in the way this article is titled, one could tell it is a review article. The whole format throughout, it pretty much reported cases on the *CRISPR-Cas9* system, how it was used, how it’s used with different strategies, and just overall what it is. The “conclusion” gave it away that it was a review article, in which it described the influence of the system today in the modern world and its ethical issues, and also stating that there has been a gain in interest from other researchers.

A review article is an article that summarizes the understandings and findings of that topic. Review articles tend to report data on published studies and don't really have new findings to publish; they are also usually written by a journalist. This type of article usually has lots of references listed from which data was gathered to create its summary. A researcher probably wouldn’t use this type of article for too many sources, they would just use to understand the topic.

A primary article actually reports the data and new finding done in a study or scientific research study. The author will state its hypothesis and what is their purpose for the study. Primary sources are always published in peer-reviewed journals. The author is always the one who actually conducted the study for

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the primary source. Primary articles may contain brief information about other research done on the same topic to comment or compare, but are not reporting the information like review articles. Students and researchers would use a primary article for the best evidence and credible data about their topic.

The scientific peer-review process is done so publishers work is critiqued by other experts and scientist before their article is accepted in the science world. It would only make since that other scientist review your work before publishing it into things like “nature”, to make sure the work is definitely legit and credible. Peer-review controls the quality of data, and so it almost has to pass a test before just thrown out for others to read. Journal editors will send all articles, mostly primary articles to be peer reviewed. Sometimes there is a certain entity that will make sure certain work has been peer-reviewed and accepted.