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BIOL294-Genetics

A primary article is simply an original report with new findings/work. This report does not contain any work of others. It will include an introduction, methods, results, discussion, and references. The primary article will also be peer-reviewed.

A review article is a review of the topic being spoken about, usually in a way that is organized and analyzes the work of others. It is a summary of the previous research done on a specific topic. A review article is also known as a secondary source, not a primary.

The scientific peer review process is a process in simple terms where your peers grade your work before it can be published in a scholarly journal. The review works like this, say you want to publish a piece of your original work, first it will go to a journal editor who sees if your work is a good fit for their journal. Then it will go to a group of experts who are peers (people who work in the same field of work), and they will ask questions to judge the quality and significance of the research. Once evaluated, it is sent to the journal editor who makes the final call if it is approved, rejected, or needs revisions.

After looking at each article I believe that the “Base editing of hematopoietic stem cells rescues sickle cell disease in mice” is the primary article. I believe this because it has the summary, methods, and results in the text, we can also see that it seems that the people who are writing the paper are also researching as they refer to themselves. For the “Hematopoietic Stem Cell Gene-Addition/Editing Therapy in Cell Disease,” I believe that this is the review article. I

think this because there are no methods or results, it doesn't look like peer review, and also most of the work refers to other people's research on the topic.