



My friend has never seen Star Wars so the other day we binged the entire series. It was enjoyable because it has been years since I've watched the movies in their entirety. This was shortly after I wrote the scientific literacy background assignment, so this immediately popped in my head. This scene occurs when Yoda proclaims that Luke Skywalker is not the only hope for the future. Of course, there is a meme that is like this because originality in this age is dead, but I couldn't miss the opportunity to chose something so relevant to what we are discussing in class. When performing the background research of the different marine yeast genus types, fermentation kept appearing in their characteristics. Fermentation is a defining characteristic of yeast species. This process is the breakdown of carbohydrates in the absence of oxygen. They can undergo this process because of an enzyme that converts pyruvic acid into ethyl alcohol. This process is extremely important because it leads to the production of both bread and alcohol because of the carbon dioxide produced. There are many differences in fermentation and cellular respiration such as the products formed, energy produced, and organisms that the process occurs in.