

# The Effects of KCl on *Paramecium caudatum* Motion

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# 1 Introduction

*Paramecium caudatum* is a species of unicellular organism from the phylum Ciliophora. As a ciliate, *Paramecium* move using hair-like organelles which surround the outer surface of the cell called cilia. These cilia act as paddles, which move in a coordinated wave of whiplash motions to propel the *Paramecium* through its environment.

## 2 Design

## 3 Results

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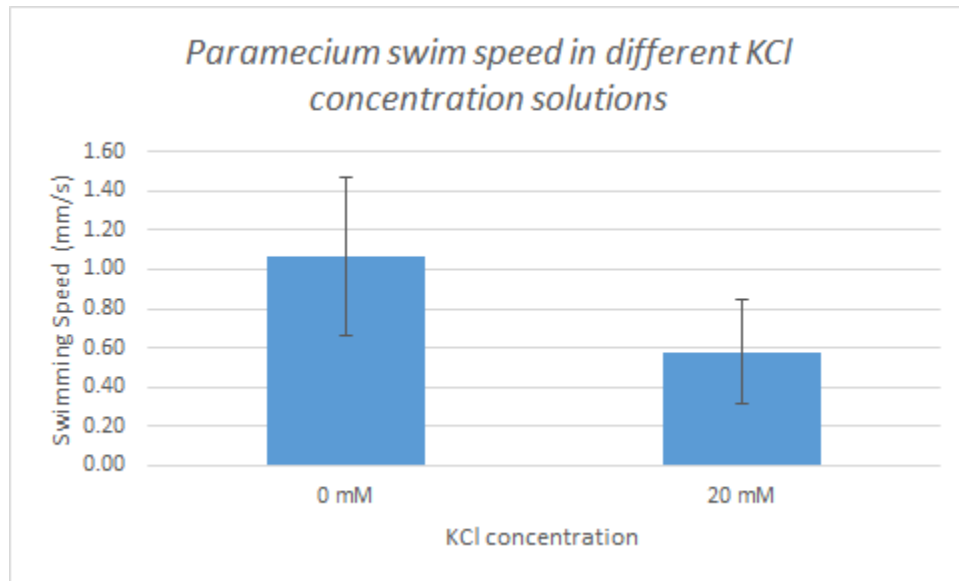


Figure 1: Mean swimming speeds of the *Paramecium* in 0 and 20 mM KCl concentration solutions. Error bars represent standard deviation.

## 4 Discussion

## 5 Conclusion