ABSTRACT

Nur Mutia, 2018. **The use of Social Media in an attempt to improve the results Instagram Learning and motivation of students of Class XI on the material the cell**. Surpervisor 1 by Dr. H. Uus Toharudin, M.Pd. Supervisor 2 by Ida Yayu Nurulhizqiyah, S.Pd., M.Si.

This research was conducted based on the background of the low learning outcomes students XI on the concept of the cell, where it is very rare that teachers use social media instagram. This study was conducted based on the background of the low learning and motivations outcomes of students of class XI on the concept cell, where very rarely the teacher to use social media instagram. As a result students are learning less.The methods used were Blender Learning, research design with One-Group Pretest-Posttest Design. The subject of this research is the grade XI in SMA IT FITHRAH INSANI Bandung. The research results obtained average value of pretest and posttest of 41.93 amounting to 65, 71. having done research prestest and posttest researchers continue with test results obtained with the Z and Z-test is significant, because $Z_{hit} > Z_{tab} >$ Of $17.51 > 1.65$ with $\alpha = 0.01$ significance level. the results of the data processing showed that the hypothesis H_o is in decline, so there is a significant difference between the value of the sebeleum students are given treatment after being given the treatment using social media learning media.For the assessment of psychomotor and affective domains obtained data on average students meet the criteria either. As for the response of the students towards learning, getting a positive response and meet the criteria either. Then it can be concluded that the use of social media in learning media learning biology in cell concept can improve student learning and motivations outcomes.

Keywords: results of learning, motivation, Social Media Instagram, the concept of the cell.