

## **CHAPTER V**

### **CONCLUSION AND RECOMMENDATION**

#### **5.1 Conclusion**

1. There was significant difference of Team Games Tournament on students' learning outcome in substance transportation across cell membrane material for students in Grade XI Science of MAN 3 Medan Academic Year 2015/2016, so  $H_{01}$  was rejected.
2. There was no significant difference of Team Games Tournament on female and male students' motivation in substance transportation across cell membrane material for students in Grade XI Science of MAN 3 Medan Academic Year 2015/2016, so  $H_{02}$  was accepted.
3. There was no significant difference of Team Games Tournament on female and male students' learning outcome in substance transportation across cell membrane material for students in Grade XI Science of MAN 3 Medan Academic Year 2015/2016, so  $H_{03}$  was accepted.

#### **5.2 Recommendation**

1. The teacher is suggested to apply the Team Games Tournament model for the biological learning in school in order to enhance the students' motivation and learning outcome.
2. Teachers are expected to be able to create systemic educational reform by increasing instructional effectiveness, engaging in reflective practice and professional development, developing strong teacher commitment, and providing opportunities to foster student engagement by applying Teams Games Tournament in learning process.