

## CHAPTER V

### CONCLUSION AND SUGGESTION

#### 5.1 Conclusion

According to the findings and discussion of this research, so the following conclusions can be drawn:

1. Students of class XI Science SMA Dharma Pancasila Medan have difficulty learning the topic of the excretion system from the highest to the lowest percentage on cognitive aspects, namely: Understanding (C2) that is equal to 58.99% (very high), Remembering (C1) that is equal to 58.21 % (very high), Evaluation (C5) that is equal to 53.44% (very high), Creating (C6) that is equal to 47.40% (very high), Applying (C3) that is equal to 43.75% (high) and Analysis (C4) that is equal to 39.07% (high).
2. Students of class XI Science SMA Dharma Pancasila Medan have difficulty in learning the Excretion System topic from the highest to the lowest percentage on the learning indicator aspect, namely: Identifying excretory systems in vertebrates and invertebrates is 70.32% (very high). (2) Explain the process of formation of urine and the mechanism of the excretion system is 58.34% (very high), (3) Identifying functions in the excretory system organs is 44.07% (high), (4) Identifying The structure and factors of the excretory organ system are 39.24% (high), and (5) Identification of symptoms, causes, and treatment of abnormalities that occur in the excretory system is 28.75% (medium).
3. Factors causing learning difficulties for students of class XI Science SMA Dharma Pancasila Medan in the Excretion System material, namely from the highest to the lowest percentage, namely: Internal factors are motivation 69.14% (high), psychology 69.14% (high), interest 63.33% (high), intelligence 61.52% (high), talent 55.46% (medium) and health 44.92% (medium). External factors are learning material 65.03% (high), family 56.51% (medium), school facilities 51.56% (medium), environmental factors 51.17% (medium), learning methods 47.71% (medium) and teacher quality 42.31% (medium).

## 5.2 Suggestion

Based on the major findings of this study, the following recommendations are offered:

1. For schools, to improve facilities for learning excretory system material so that students can apply it in practice to support interest or curiosity and students' understanding of the material provided.
2. For teachers, to constantly review or analyze the attitudes of students in a class that is difficult in accepting biological material lessons, especially the excretion system and foster student learning motivation in the classroom.
3. For students, so that students in class XI Science SMA Dharma Pancasila Medan to be more diligent in learning so that they better understand and improve the results of learning biology, especially the material of the excretion system.

