



**IN THE NAME OF ALLAH,  
MOST GRACIOUS, MOST MERCIFUL**



# **HANDBOOK OF PRACTICAL ZOOLOGY**

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## **PREFACE**

The *Handbook of Practical Biology* is a laboratory book designed for the premedical students taking the basic Zoology course from the College of Medicine, Dentistry, Pharmacy and Applied Medical Sciences. We have made every effort to make the handbook useful and helpful for the students and each of them will carry out all the experiments, draw out his own conclusion, and answer the questions at the end of each practical section. It is composed of two major parts, the first part is about teaching the students how to handle and use the light microscope with the cell biology, histology and genetics with an exercise on serology for giving practice to each student to test their own blood sample and identify their blood group. In the second part, the student will do the dissection of the different systems of rat (external feature and general viscera, the digestive system, the venous and arterial system, the nervous system and endocrine system). The authors are grateful for the Council of Zoology Department, College of Science, the Scientific Council Board and the Press members at King Saud University for following and maintaining the high standard of refereeing and publishing this book.

**The Authors**



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