**542 Zoo**

**Advanced Cytology**

**Contents**Brief study of the concept of the cell. Cell growth and division, cell synchronization, and cell cycle regulation. Cell chromatin structure and function, the structure of the chromosome, and nucleic acids. DNA replication and repair

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| **Lecture 1** | **9/6/1441** |
| **Lecture 2** | **16/6/1441** |
| **Lecture 3** | **23/6/1441** |
| **Take home exam 1** | **30/6/1441** |
| **Lecture 4** | **7/7/1441** |
| **Lecture 5** | **14/7/1441** |
| **Lecture 6** | **21/7/1441** |
| **Midterm exam** | **28/7/1441** |
| **Lecture 7** | **6/8/1441** |
| **Lecture 8** | **13/8/1441** |
| **Take home exam 2** | **20/8/1441** |
| **Lecture 9** | **27/8/1441** |
| **Final exam** | **4/9/1441** |