

## Supplemental Readings for Cell and Molecular Lectures

Students are encouraged to read supplemental material on the lecture topics to obtain a better understanding. Many basic biology books will adequately cover the material. Some potential books are on reserve in the Matas Medical Library:

- M.D. Johnson. Human Biology. Concepts and Current Issues (1<sup>st</sup>-3<sup>rd</sup> editions).
- C. Starr and B. McMillan. Human Biology.

Another book is available in the Community Health Science departmental library:

- B.J. Cohen and D. Wood. The Human Body in Health and Disease (9th ed.).

Chapters in Johnson (3<sup>rd</sup> edition) corresponding to lectures are listed on the syllabus. The chapters are the same in the 2<sup>nd</sup> edition, but slightly different in the 1<sup>st</sup> edition. Chapters (Starr) or pages (Cohen) corresponding to the lectures are shown below for the other books. Exam questions will be based on the material discussed in class.

	Lecture Title	Starr (chapters)	Cohen (pages)
1	Cell Structure and Organization	1.6, 1.8, 2.1, 2.5-2.9	27-31
2	Protein Structure and Function	1.9-1.10, 2.10-2.14	369-371
3	DNA Structure and Function	1.11, 16.1, 16.4-16.12, 18.1 19.1, 19.3	22-24 455-458
4	Transcription and Translation	19.4-19.8	32-34
5	Cell Reproduction and Differentiation	16.2, 20.1-20.2	37-38
6	Biotechnology and Genomics	21	

Additional information and powerpoint presentations of these lectures can be found at <http://www.tulane.edu/~wiser/cells/>.