

BIOLOGY FOR LIFE

COURSE MANUAL

SCI201_19A



LESSON PLANS - TESTS - ANSWER KEYS - QUARTER REPORT FORMS

Revised July 2019

Front Cover: *Louis Pasteur in His Laboratory*, by Albert Edelfelt

Back Cover: Gregor Mendel

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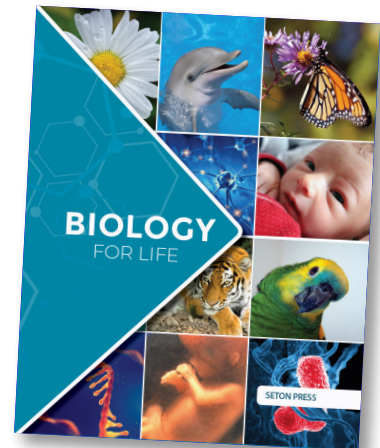
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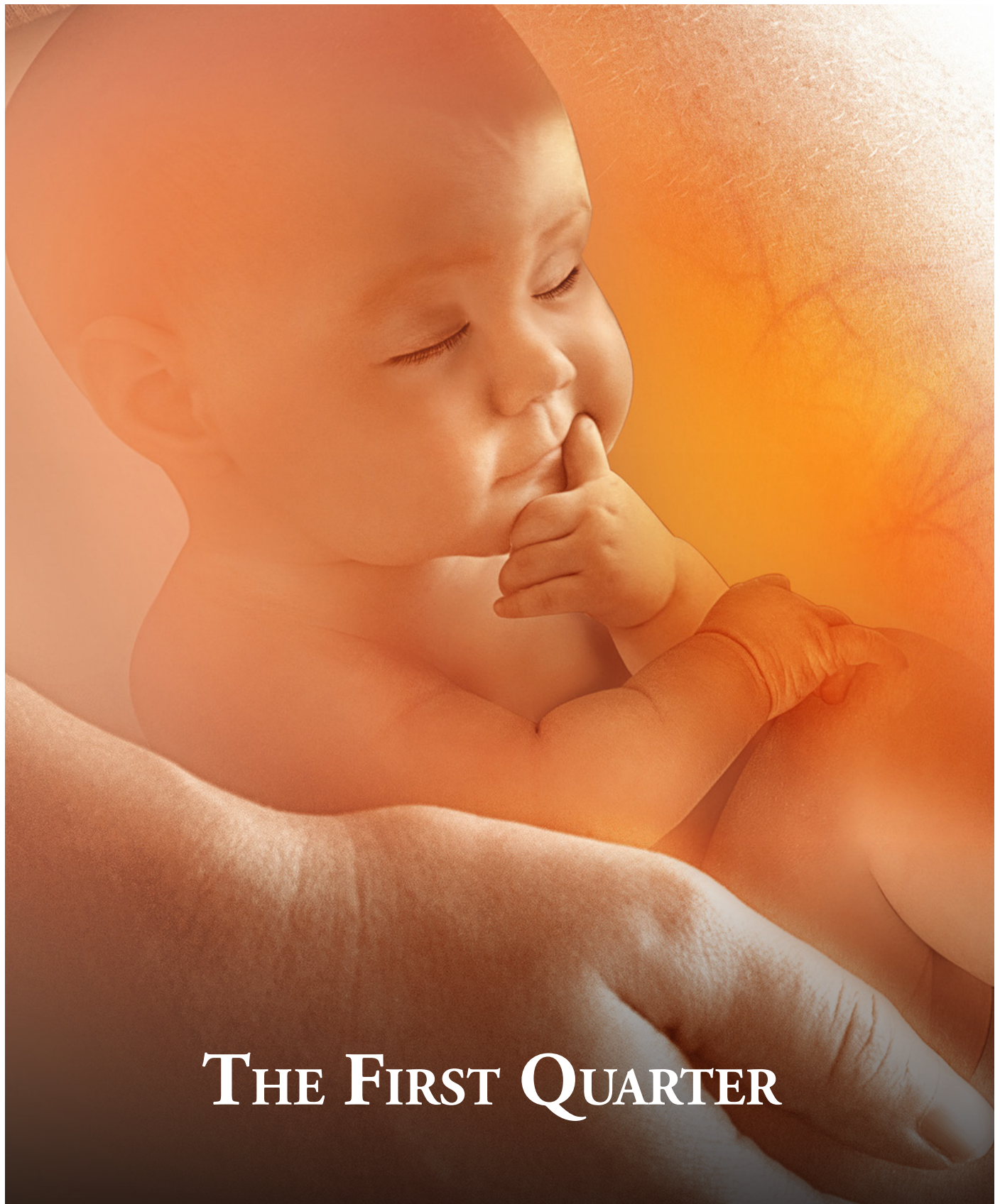
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INCLUDED TEXTBOOK

This pro-life textbook concentrates on human biology, with the first part of the book centering on the human body. The second part of the book covers general biology including biological classification, systems of plants and animals, and non-human organisms.

Authored by several Catholic doctors and other health professionals, *Biology For Life* has been used successfully as an online-only digital text for several years. It has been revised and edited by Dr. Kenneth Stein, Ph.D.





THE FIRST QUARTER



Week Four

Day 1

CHAPTER 2 "CELLS"



Read and take notes on Section 2.1 "Introduction."

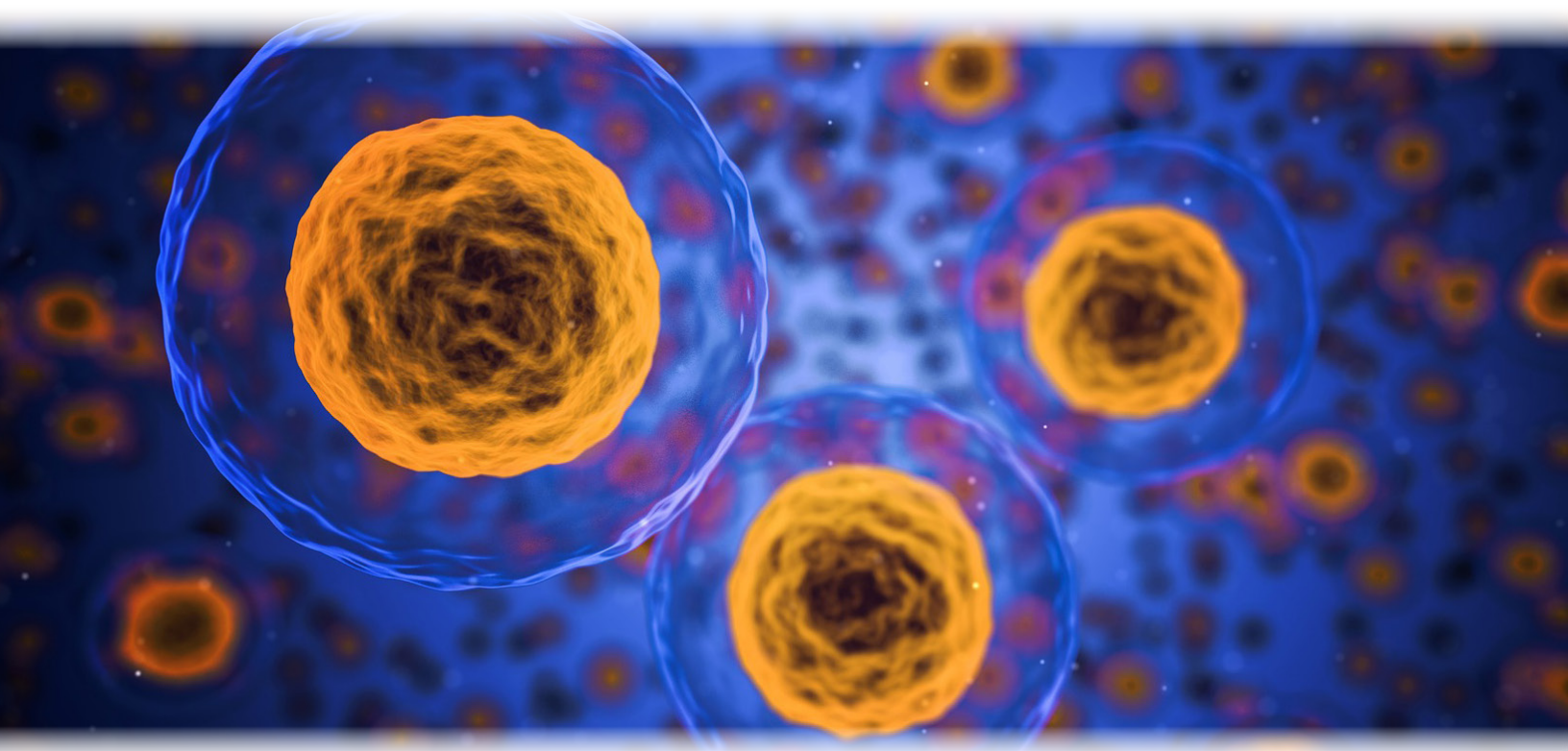
Day 2



Read and take notes on Section 2.2 "Cells: the Building Blocks of Physical Life."



In your notebook, answer the questions in Section Review 2.2.



Day 3

Read and take notes on Section 2.3 "The Parts of a Cell" through Part C "The Nucleus."



In your notebook, answer the questions in Section Review 2.3 A, B & C.

Day 4

Read and take notes on Section 2.3 "The Parts of a Cell": Part D "Cytoplasm and Organelles," Part E "Plastids," Part F "The Living Cell," and Part G "Differences in Cells."



In your notebook, answer the questions in Section Review 2.3 D, E, F and G.

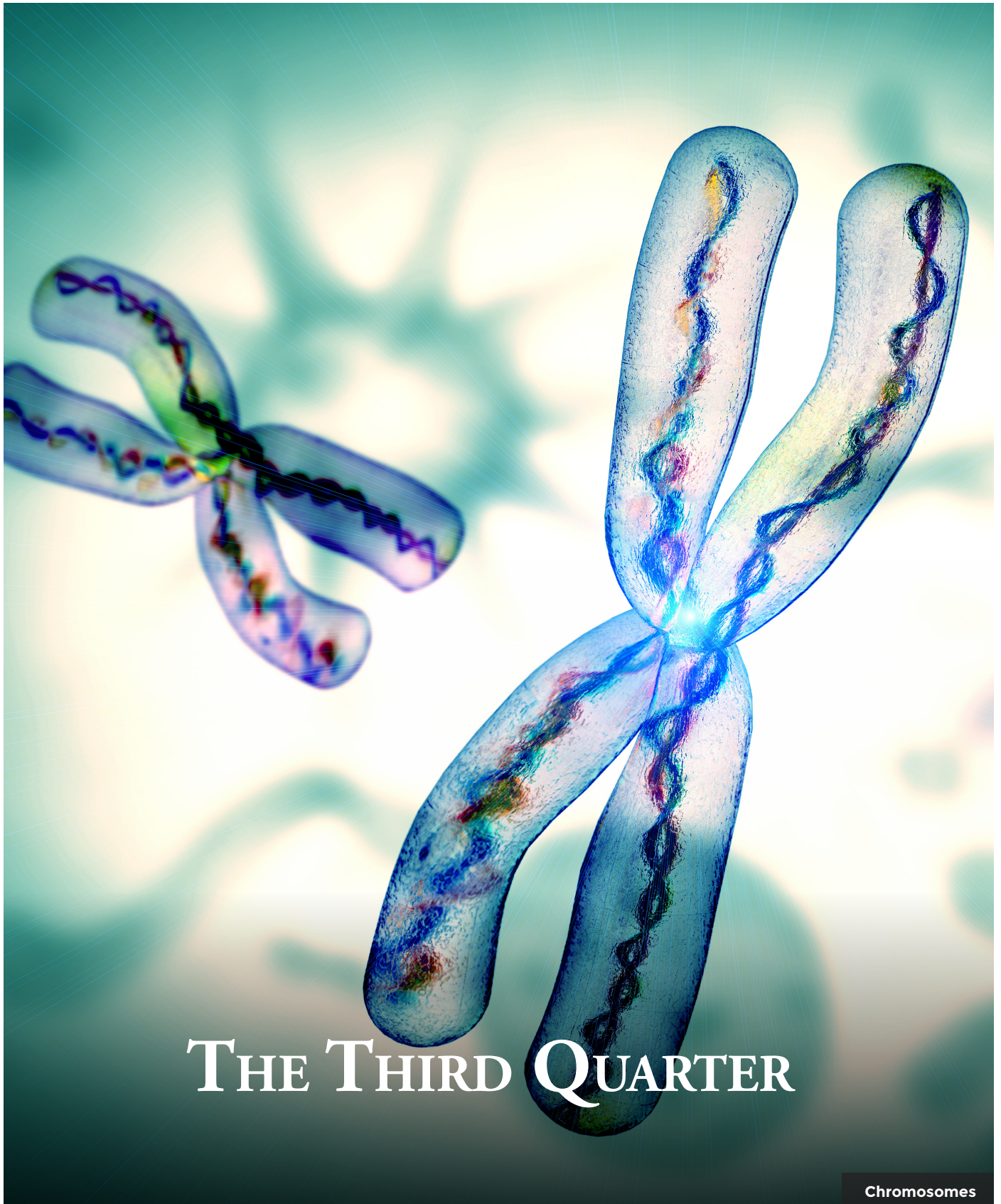
Day 5

Read and take notes on Section 2.4 "The Arrangement of Living Matter."

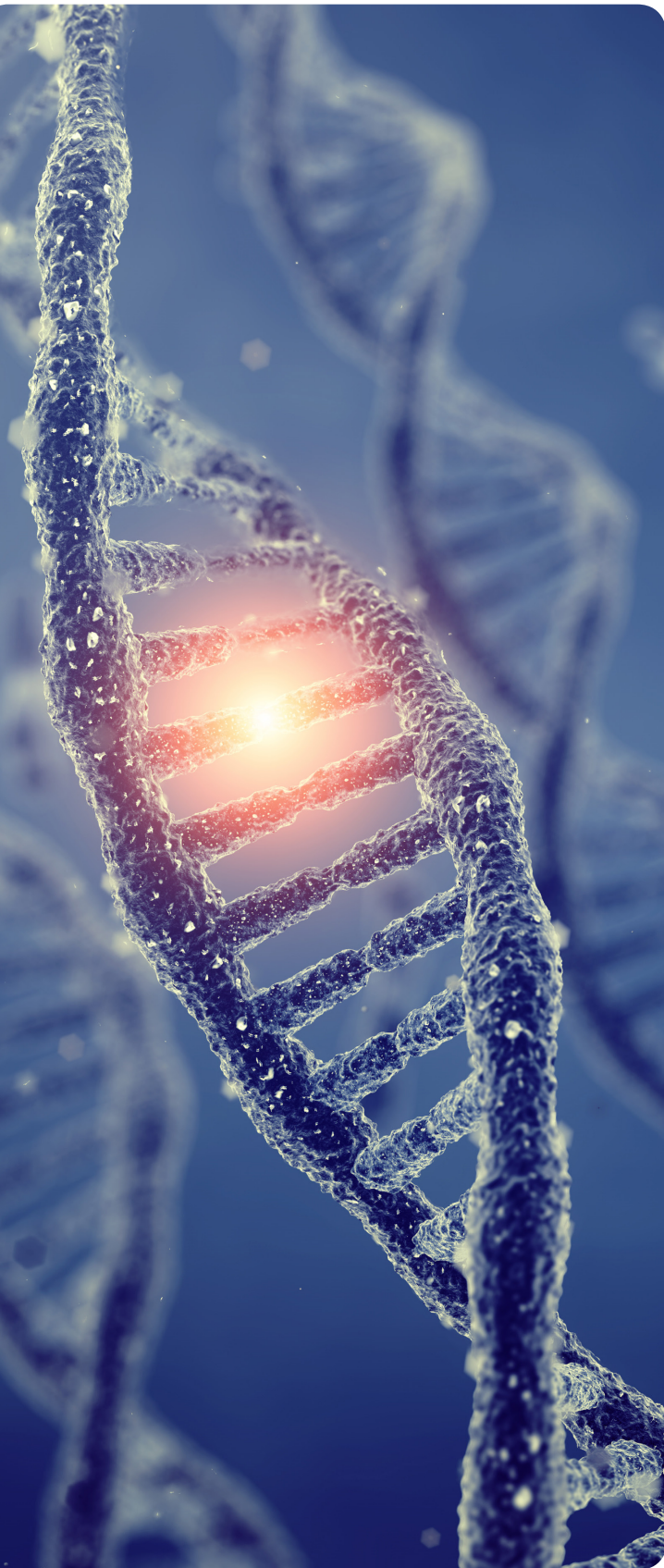


In your notebook, answer the questions in Section Review 2.4 A & B.





Chromosomes



Week Nineteen

Day 1

CHAPTER 9 "REPRODUCTION AND REGULATION OF THE CELL"



Read and take notes on **Section 9.1 "Introduction."**

Day 2



Read and take notes on **Section 9.2 "DNA, RNA, and Protein Synthesis"** through Part A "DNA: The Double Helix," and Part B "The DNA Code."



In your notebook, answer the questions in **Section Review 9.2 A & B.**

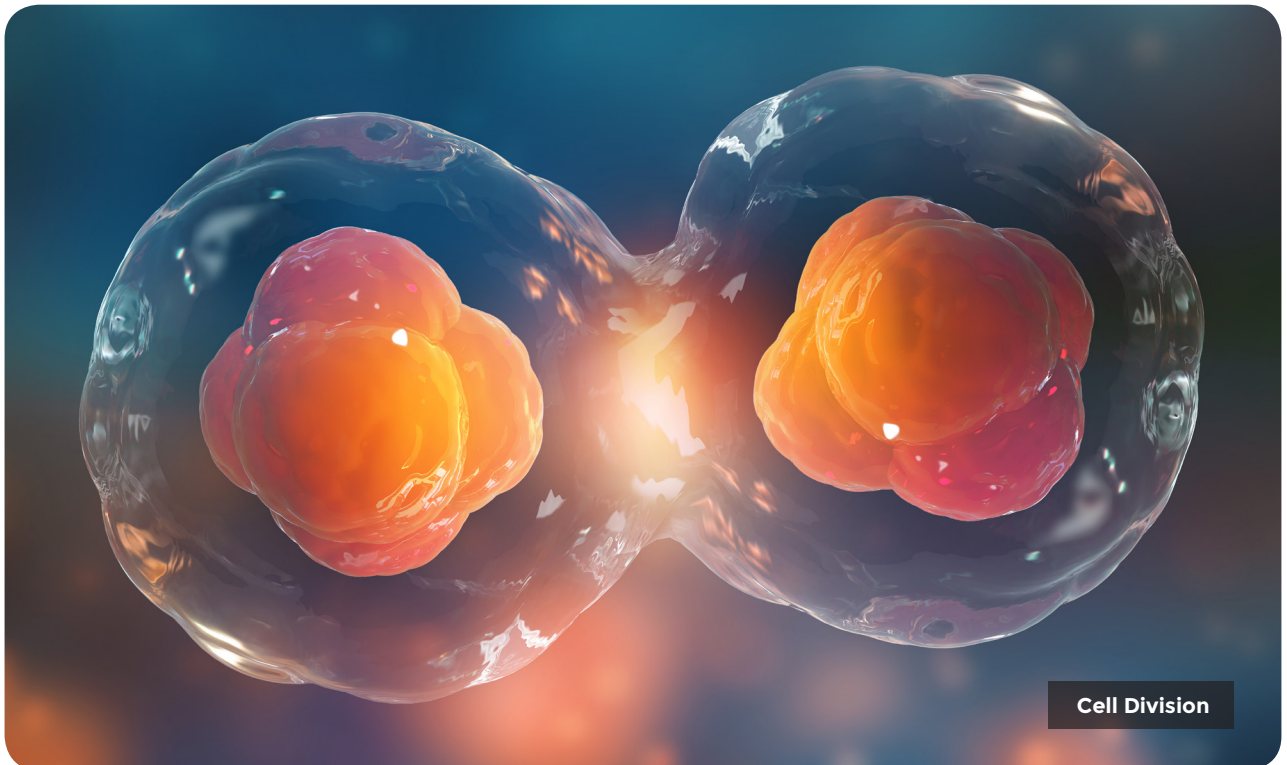
Day 3



Read and take notes on **Section 9.2 "DNA, RNA, and Protein Synthesis": Part C "RNA Structure," and Part D "Protein Synthesis."**



In your notebook, answer the questions in **Section Review 9.2 C & D.**

**Day 4**

Read and take notes on **Section 9.3 “Cell Reproduction”**: Part A “The Reproduction of Cells.”



In your notebook, answer the questions in Section Review 9.3 A.

Day 5

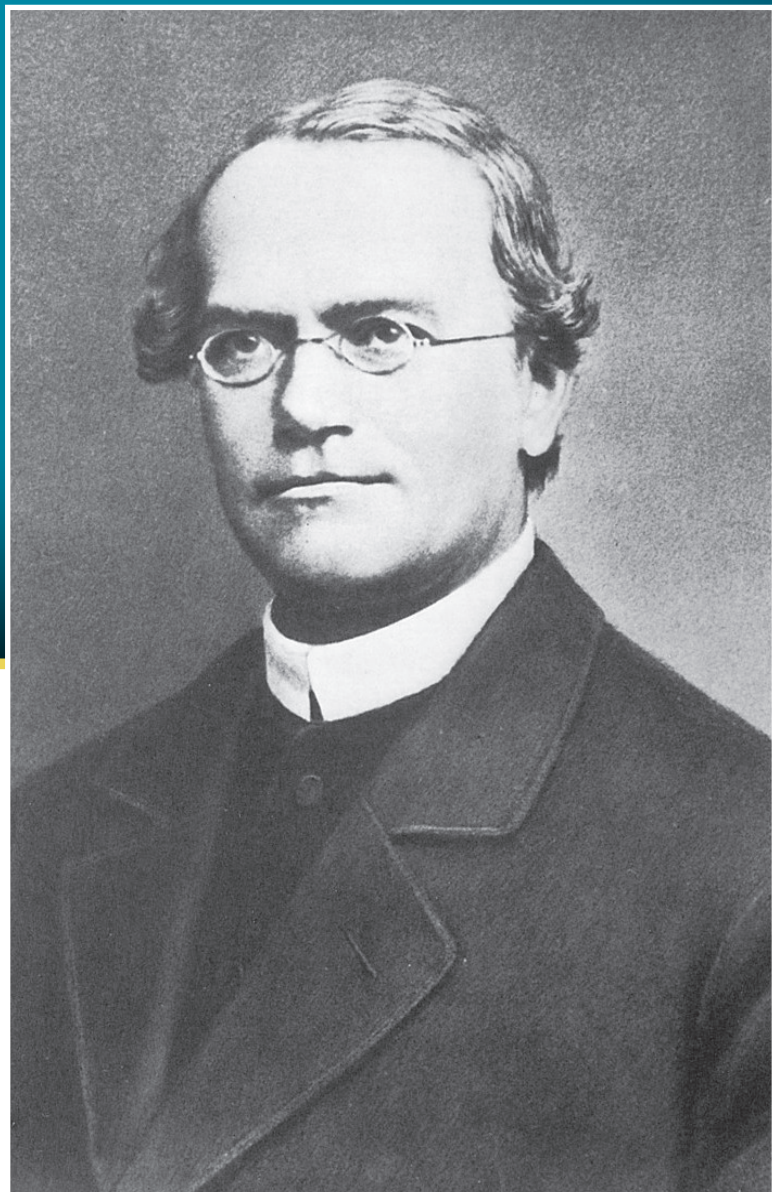
Read and take notes on **Section 9.3 “Cell Reproduction”**: Part B “Mitosis,” and Part C “Cell Growth and Differentiation.”



In your notebook, answer the questions in Section Review 9.3 B & C.

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Updated 7/30/2019