BI 112- Cell Biology for Health Occupations

OER Text Resources

Updated 3/27/2019

The links below are to the following resources, all of which are available for free:

Cushwa, Willy. Human Biology. OpenStax CNX. Dec 1, 2015 http://cnx.org/contents/e5923bd5-daf5-4ea1-ac91-cf39e8478c9e@3.2

OpenStax. Anatomy and Physiology. OpenStax CNX. Feb 12, 2019 http://cnx.org/contents/14fb4ad7-39a1-4eee-ab6e-3ef2482e3e22@15.1

OpenStax. Biology 2e. OpenStax CNX. Feb 13, 2019 http://cnx.org/contents/8d50a0af-948b-4204-a71d-4826cbe765b8@15.3

1. Introduction and Organizing Principles
https://tinyurl.com/yynrp8xt
https://tinyurl.com/y5bghvq7

2. Homeostasis
https://tinyurl.com/y3d8ujdr

3. Matter, Elements, Atoms
https://tinyurl.com/y5bghvq7
https://tinyurl.com/y6kt3hpd

4. Bonding and Chemical Notation
https://tinyurl.com/yynrp8xt

5. Balancing Equations
http://tinyurl.com/yxqtltgo

6. Types of Energy
https://tinyurl.com/y3d8ujdr

7. Properties of Water
https://tinyurl.com/yynrp8xt

8. Solutions, Solutes, pH and Buffers
https://tinyurl.com/y59wc3c8

9. Biological Molecules
https://tinyurl.com/y5bghvq7
https://tinyurl.com/y3d8ujdr
https://tinyurl.com/y59wc3c8
https://tinyurl.com/yxjivsvh
https://tinyurl.com/y5no9eoe
https://tinyurl.com/y5do77s
https://tinyurl.com/yxnof8gr

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10. Cell Theory
https://tinyurl.com/yy3ndg9g

11. Cell Membranes and Organelles
https://tinyurl.com/y4j6hr8w
https://tinyurl.com/yyzpp74y

12. Membrane Permeability, Transport and Osmosis
http://tinyurl.com/y5de54jl
http://tinyurl.com/yxdt4mjq
http://tinyurl.com/y5wpagxp

13. DNA and Replication
http://tinyurl.com/y3gelz45

14. Protein Synthesis
http://tinyurl.com/y5aebfqx
http://tinyurl.com/y6pwr8tz

15. Cell Cycle and Mitosis
http://tinyurl.com/yy7sdf3e
http://tinyurl.com/y2g29g3v

16. Meiosis and Gametogenesis
http://tinyurl.com/yyyfh9n
http://tinyurl.com/y2xjm32y

17. Genetics and Patterns of Inheritance
http://tinyurl.com/yxwqg4y2
http://tinyurl.com/y2z9tzra
http://tinyurl.com/yxaoogy4
http://tinyurl.com/y6oc3mvf