

BIO SCI 99 B
Spring 2020

Tuesday, Thursday , 12:30 – 1:50

Class Lecture Schedule/Readings (Molecular Biology: Principles and Practice, Cox et al, Second Edition)

Glabe

Week 6

- | | | |
|---------------|--|--------------------------|
| 11. Tu, May 5 | Prokaryotic Transcription. | pp. 520 – 536; 672 - 703 |
| 12. Th, May 7 | Cis-Trans Regulation & Eukaryotic Transcription. | pp.537 – 551; 241 - 245 |

Week 7

- | | | |
|----------------|--|--------------------------|
| 13. Tu, May 12 | Transcriptional Regulation and Chromatin | pp. 332 – 362 |
| 14. Th, May 14 | Epigenetics and mRNA Processing | pp. 734 – 742; 554 - 580 |

Week 8

- | | | |
|----------------|--|------------------------|
| 15. Tu, May 19 | Non-translated RNA | pp. 685; 774 – 781 |
| 16. Th May 21 | One gene, one protein dogma and
Complementation | pp. 41 – 48; 414 - 423 |

Week 9

- | | | |
|---------------|--|---------------|
| 17. Tu May 26 | Molecular basis of mutation and protein coding | pp. 590 - 604 |
| 18. Th May 28 | The genetic code, tRNA | pp. 626 - 630 |

Week 10

- | | | |
|---------------|---|---------------|
| 19. Tu June 2 | Ribosomes and initiation | pp. 617 - 639 |
| 20. Th June 4 | Translation, elongation and termination
Antibiotic inhibitors of translation | pp 639 - 649 |

Final Exam Monday, Jun 8, 1:30 – 3:30 PM, PSLH 100