

BCH5413 Schedule Fall 2022

Time: 1:55 PM - 2:45 PM Class Room: ARB R3-265

| <u>DATE</u> | <u>DAY</u> | <u>TOPIC</u> | <u>INSTRUCTOR</u> | |
|-------------|------------|---|--|--------------|
| Aug. 24 | Wed | DNA/RNA Structure | Dr. Smith | |
| 26 | Fri | DNA/RNA Blotting | Dr. Gumz | |
| 29 | Mon | PCR; Arrays | Dr. Gumz | |
| 31 | Wed | Cloning I – Vectors, cDNA | Dr. Gumz | |
| Sept. 2 | Fri | Cloning II – Genomic | Dr. Gumz | |
| 5 | Mon | NO CLASS | | |
| 7 | Wed | Chromatin Structure; DNA-Prot Interacts. | Dr. Smith | |
| 9 | Fri | DNA Sequencing | Dr. Smith | |
| 12 | Mon | Site-directed mutagenesis | Dr. Douma | |
| 14 | Wed | Recombinant Protein Expression | Dr. Gumz | |
| 16 | Fri | Genome Manipulation, Transgenics, Cloning I | Dr. Smith | |
| 19 | Mon | Genome Manipulation, Cloning II | Dr. Smith | |
| 21 | Wed | Prokaryotic Transcription I | Dr. Douma | |
| 23 | Fri | Prokaryotic Transcription II | Dr. Douma | |
| 26 | Mon | REVIEW SESSION for EXAM #1 | | |
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| | 28 | Wed | Eukaryotic Transcription I | Dr. Smith |
| | 30 | Fri | Eukaryotic Transcription II | Dr. Smith |
| Oct. | 3 | Mon | Eukaryotic Transcription III | Dr. Smith |
| | 4 | Tue (6-8 PM) | <i>EXAM #1; Lectures through Sept. 23</i> | |
| | 5 | Wed | Epigenetics I | Dr. Lu |
| | 7 | Fri | NO CLASS | |
| | 10 | Mon | Epigenetics II | Dr. Lu |
| | 12 | Wed | RNA Processing I | Dr. Xie |
| | 14 | Fri | RNA Processing II | Dr. Xie |
| | 17 | Mon | RNA-mediated Gene Regulation | Dr. Douma |
| | 19 | Wed | Translation I | Dr. Denslow |
| | 21 | Fri | Translation II | Dr. Denslow |
| | 24 | Mon | Translation III | Dr. Denslow |
| | 26 | Wed | Protein Transport/Modifications | Dr. Denslow |
| | 28 | Fri | DNA Replication I | Dr. Xie |
| | 31 | Mon | DNA Replication II | Dr. Xie |
| Nov. | 2 | Wed | DNA Replication III | Dr. Xie |
| | 4 | Fri | REVIEW SESSION for EXAM #2 | |
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| | 7 | Mon | Cancer – Cell Cycle I | Dr. Lu |
| | 8 | Tue (6-8 PM) | <i>EXAM #2; Lectures through Nov. 2</i> | |
| | 9 | Wed | Cancer – Cell Cycle II | Dr. Lu |
| | 11 | Fri | NO CLASS | |
| | 14 | Mon | DNA Repair I | Dr. Caglayan |
| | 16 | Wed | DNA Repair II | Dr. Caglayan |
| | 18 | Fri | DNA DSB Repair and recombination | Dr. Lu |
| | 21 | Mon | Cancer – Signal Transduction I | Dr. Lu |
| | 23 | Wed | NO CLASS | |
| | 25 | Fri | NO CLASS | |
| | 28 | Mon | Cancer – Signal Transduction II | Dr. Lu |
| | 30 | Wed | Cancer – Tumor Viruses & Oncogenes | Dr. Lu |
| Dec. | 2 | Fri | Cancer – Tumor Suppressors | Dr. Lu |
| | 5 | Mon | Cancer – Chromosomal Abnormalities | Dr. Lu |
| | 7 | Wed | REVIEW SESSION for EXAM #3 | |
| | 12 | Mon (2-4 PM) | <i>EXAM #3; Lectures through Dec. 5</i> | |