MMG 206 Syllabus - Winter 2015

Transcription
Jan 5    Waterman Lecture 1 (Molecular Aspects of Transcription)
Jan 7    Waterman Lecture 2 (Assembly of Polymerase-Promoter Complexes)
Jan 9    NO CLASS – room not available
Jan 12   Waterman Lecture 3 (Transcription Regulation: Transcription Factors)
Jan 14   Waterman Lecture 4 (Transcription Regulation: Chromatin)
Jan 16   Waterman Lecture 5 (Transcription Regulation: Distal Regulatory Regions)
Jan 19   NO CLASS – MLK Day
Jan 21   Waterman Lecture 6 (Transcription Regulation: Epigenetics)
Jan 23   Waterman Questions/Answers
Jan 26   EXAM 1

RNA Processing
Jan 28   Shi Lecture 1 (mRNA 5’ capping and 3’ processing)
Jan 30   NO CLASS – room not available
Feb 2    Shi Lecture 2 (mRNA splicing and regulation)
Feb 4    Shi Lecture 3 (mRNA export)
Feb 6    NO CLASS – room not available
Feb 9    Shi Lecture 4 (RNAi-1)
Feb 11   Shi Lecture 5 (RNAi-2)
Feb 13   Shi Lecture 6 (RNAi-3)
Feb 16   NO CLASS – Presidents Day
Feb 18   Shi Lecture 7 (RNAi-4)/Shi Questions/Answers
Feb 20   EXAM 2

Translation
Feb 23   Hertel Lecture 1 (Overview, Translation initiation)
Feb 25   Hertel Lecture 2 (Ribosome scanning, elongation)
Feb 27   NO CLASS – room not available
March 2  Hertel Lecture 3 (Termination of translation)
March 4  Hertel Lecture 4 (Peptide transfer catalysis)
March 6  Hertel Lecture 5 (Fidelity of protein synthesis)
March 9  Hertel Lecture 6 (Regulation of translation)
March 11 Hertel Lecture 7 (RNA quality control)
March 13 Hertel Question/Answers
March 16 EXAM 3