

9. Chromatin and Basics of Transcription

1 unit, Iestyn Whitehouse, September 24, 2026

Transcription

- Protein-DNA interactions and specificity in promoter recognition
- The importance of cooperativity in protein-DNA binding and gene regulation
- General transcription factors and their assembly with Pol II in a preinitiation complex
- Promoters, regulatory regions and transcription factors

Epigenetics

- Histones and the nucleosome
- Post-translational modifications of histones
- Global views of chromatin structure
- Epigenetics