

02- 716: Cross species analysis of genomics data

Ziv Bar-Joseph and Gerard J. Nau

Monday & Wednesday, 3-4:20, 6501 GHC

8/29 – Introductions, technologies (Ziv)

8/31- Whole genome alignment, gene finding (Ziv)

9/5 – No class (Labor Day)

9/7 – No class

9/12 – WGA cont. (Ziv)

9/14 – Motif MicroRNAs (Ziv)

9/19 – Motif and regulatory (Ziv)

9/21 – microRNA (Ziv)

9/26 – Expression? (Ziv)

9/28 – Cross species analysis to learn about ourselves (Jerry)

10/3 – Cross species analysis to learn about disease susceptibility (Jerry)

10/5 – Biological complexity across species: hepatic transcription factors (Jerry)

10/10 – Drug discovery and toxicogenomics (Jerry)

10/12 – student presentations (Jerry)

10/17 – student presentations (Jerry)

10/19 – student presentations (Jerry)

10/24 – student presentations (Ziv)

10/26 – student presentations (Ziv)

10/31 – student presentation (Ziv) / project proposals due in class

11/2 - student presentation (Ziv)

11/7 – student presentations (Ziv)

11/9 – student presentations (Ziv)

11/14 – Conservation of interaction networks (Guy)

11/16 – Joe?

11/21 – no class

11/23 – no class (Thanksgiving)

11/28 - student presentations (Ziv)

11/30 – student presentations (Ziv)

12/5 - student presentations (Ziv)

12/7 – poster session (Ziv & Jerry)

12/12 – final project report due