HG822, 2022 schedule / syllabus

Below is the schedule for the Wednesday noon seminars for HG822. The practice session occurs the Friday prior to each Wednesday seminar, with 5-7 students assigned as reviewers (see Reviewer Schedule). Practice will begin at 12:00 p.m. Students who have a 1 pm class are free to leave as needed; others are welcome to stay if discussion lasts longer.

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| **Seminar Date** | **Presenter** | **Mentor** | **Paper** |
| January 12 | Charles DeLuca | Burke | Kopelman, Inference of genetic relationships in populations |
| January 19 | Liz Hart | Camper |  Kaelin, Coat color establishment in cats |
| January 26 | Lara Grether | Prasov |  Kruczek, Gene therapy in stem cell-derived retinal organoids |
| February 2 | Amy Mook | Mueller |  Bhutani, Haploid-biased expression in sperm selection |
| February 9 |  Nicole Cho |  Boyle | Miller, Long-read seq identifies disease-causing variation |
| February 16 |  McKenna DeFoer |  Mueller | Jay, Mimicry supergene and inversion polymorphisms |
| February 23 | Catherine Tower |  Hammoud | Wang, Composite DNA element & epigenetic inheritance  |
| March 2 | BREAK | -- | -- |
| March 9 | Jennifer Moreno |  Burke | Nakai, Sleep architecture and transcription factor AP-2b |
| March 16 | Braeden Hughes | Meisler | Koblan, Base editing to rescue Hutchinson-Gilford Progeria |
| March 23 | Isabel Wellik | Hammoud | Mews, Alcohol metabolism and brain histone acetylation |
| March 30 | Bailey Masser | Kohrman | Terrey, Translation quality & neurodevelopmental pathology |
| April 6 | Amber Abrams | Camper | Ruth, Biology of human ovarian ageing |
| April 13 | Jack Bishop | Antonellis | Byeon, Extreme conservation of vertebrate 5' UTRs |
| April 28 | FINALS | -- | -- |
| May 4 | ---- | -- | -- |
| May 11 | Mario Ashaka | Meisler | Wertz, CNS screening for genes modifying CNS neuron survival |
| May 18 | Maria Gavilan | Kitzman | Parts, Variants suppress mutations is essential genes |