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**Journal Club Schedule**

**BCH 6936**

**Spring 2021**

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| **Date:** | **Presenter:** | **Title:** |
| Tuesday, 01/16/2021 | Shanan Emmanuel | Dengue Virus Immunity Increases Zika Virus-Induced Damage during Pregnancy |
| Tuesday, 01/26/2021 | Joseph Ellis | Comprehensive in vivo secondary structure of the SARS-CoV-2 genome reveals novel regulatory motifs and mechanisms |
| Tuesday, 02/02/2021 | Jacob Combs | Antibody responses to endemic coronaviruses modulate COVID-19 convalescent plasma functionality |
| Tuesday, 02/09/2021 | Katherine Leon | Respiratory syncytial virus reduces STAT3 phosphorylation in human memory CD 8 T cells stimulated with IL-21 |
| Tuesday, 03/09/2021 | Joshua Hull | Atomic cryo-electron microscopy of wtAAV2 and variants reveals critical structures to infection |
| Tuesday, 03/16/2021 | Rohit Mahar, Ph.D. | Deuterium Metabolic Imaging (DMI): A Robust Method for Estimating Glucose Turnover |
| *Tuesday, 03/23/2021* | *BOYCE COMPETITION* |  |
| Tuesday, 03/30/2021 | Savannah Pollenz | Remdesivir is a direct-acting antiviral that inhibits RNA dependent RNA polymerase from severe acute respiratory syndrome coronavirus 2 with high potency |
| Tuesday, 04/06/2021 | Judit Penzes, Ph.D. | Acheta domestica segmented densovirus is the first parvovirus harboring a bipartite genome |
| Tuesday, 04/13/2021 | Sebastian Sierra-Ochoa | Template-dependent inhibition of coronavirus RNAdependent RNA polymerase by remdesivir reveals a second mechanism of action |