**Research Retreat**

***Department of Biochemistry & Biophysics***

Event Schedule

**2021**

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| **Friday, March 26 2021** | | |
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| **9:00 – 9:10 AM** | **Welcome & Comments from the Chairman** ǀ **Brian Strahl, Ph.D.** | |
| **9:10 – 9:30 AM** | **Keean Braceros**  A Role for Genome Architecture in Gene Silencing by Long Noncoding RNAs | |
| **9:30 – 9:50 AM** | **Ajit Prakash**  Characterization of a Novel Function of Gαi as an Intracellular pH Sensor | |
| **9:50 - 10:10 AM** | **Gabrielle (Gabby) Budziszewski**  Regulation of VRK1 Kinase Activity Towards Histone H3 Threonine 3 is Directed by the Nucleosome Acidic Patch | |
| **10:10- 11:40 AM** | **Virtual Poster session 1** (odd number posters) | |
| **12:10- 1:00 PM** | **Mentorship Breakout Sessions** (registration required) | |
| **1:00 - 1:20 PM** | **Tatyana Bodrug**  Neural Network-Based Reconstruction of Ubiquitination by the Anaphase-Promoting Complex/Cyclosome Using Time-Resolved Cryo-EM | |
| **1:20 – 1:40 PM** | **Abid** **Khan**  Histone Methyltransferase SETD2 Regulates Nuclear Lamina Integrity Through its Intrinsically Disordered Amino Terminus | |
| **1:40 - 2:00 PM** | **Rhese Thompson**  Suppression of Structural Dynamics in Mosquito-borne Flavivirus Xrn1-Resistant RNA | |
| **2:00 - 3:30 PM** | **Virtual Poster session 2** (even number posters) | |
| **3:30 - 4:45 PM** |  | **KEYNOTE PRESENTATION**  **Cigall Kadoch, Ph.D.**  **Harvard Medical School & The Dana-Farber Cancer Institute**  Chromatin regulatory mechanisms and therapeutic prospects in cancer |
| **4:45 – 5:00 PM** | **Closing Remarks and Announcing of student/post-doctoral awards** | |
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