

Welcome to the 2017-2018 Departmental Retreat
The Department of Biochemistry and Molecular Genetics
Morven Farms, November 30, 2017

❖ **8:30 – 9:00 : Breakfast**

❖ **9:00 – 9:05 : Welcome & Opening Remarks**
BMG Chair, Prof. Anindya Dutta

❖ **9:05 – 10:25 : Research Talks**

9:05 - 9:30: Prof. Anindya Dutta
A deubiquitinase as important as the E6AP ubiquitin ligase in cancers induced by human papilloma virus

9:30 - 9:55: Prof. Golam Mohi
Molecular Pathogenesis of Myeloproliferative Neoplasms

9:55 -10:10: Ricky Baylis
IL1 signaling in SMC is critical for maintenance of an atheroprotective fibrous cap during late-stage murine atherosclerosis

10:10 -10:25: Mouadh Benamar
Ionizing radiation induces DNA rereplication in tumor cells and this is antagonized by DNA repair via the non-homologous end joining pathway

❖ **10:25 – 10:45 : Coffee Break**

❖ **10:45 – 12:05 : Research Talks**

10:45 -11:10: Assistant Prof. Mazhar Adli
Recurrent mutations in Estrogen Receptor binding sites alter chromatin topology and distal gene expression in breast cancer

11:10 -11:35: Assistant Prof. Francine Garrett-Bakelman
Genomic and Epigenomic contributions to disease pathogenesis in Acute Myeloid Leukemia

11:35 -11:50: Avik Dutta

Hmga2 promotes the development of myelofibrosis in Jak2V617F knock-in mice by enhancing TGF- β 1 and Cxcl12 pathways

11:50 -12:05: Assistant Prof. Pankaj Kumar
Recent advances in TRFs

❖ **12:05 – 1:30 : Lunch + Poster Session I**

❖ **1:30 – 2:35 : Research Talks**

1:30 - 1:55: Prof. Todd Stukenberg
Liquid demixing by the CPC underlies mitotic heterochromatin regulation

1:55 - 2:10: Yue Yang
Loss of EZH2 cooperates with JAK2V617F in the development of myelofibrosis

2:10 - 2:35: Associate Prof. Hui Li
UBA1-CDK16, a female biased chimeric RNA

❖ **2:35 – 3:55 : Coffee Break + Poster Session II**

❖ **4:00 - Wine & Cheese Reception begins**

❖ **4:15 – 4:50 : Student Entertainment**

❖ **4:50 – 5:15 : Awards and Closing remarks**