UCDAVIS HEALTH | SCHOOL OF MEDICINE

Medical Microbiology & Immunology
MMI 291 Seminar Series – Faculty
Emerging Challenges in Microbiology and Immunology

MMI 291 Seminar Series

Current Theme: Interdisciplinary Research
Fall Quarter 2020 – CRN 41538

Friday Seminar – 12:10-1 p.m.

"Targeting Epigenetic Vulnerabilities in Cancer and Rett Syndrome"

Oct. 23

Sanchita Bhatnagar, PhD
Assistant Professor
Biochemistry and Molecular Genetics
University of Virginia
School of Medicine Cancer Center

Oct. 23, 2020
12:10 – 1 p.m.
ZOOM Meeting

Medical Microbiology & Immunology
School of Medicine

Seminar Contact:
Autumn Vega
530-752-9401
advega@ucdavis.edu

We hope to see you there!

Research / Bio

Dr. Bhatnagar is interested in understanding the regulation of gene expression by epigenetic modifications. Alterations in epigenetic regulation contribute to a number of developmental anomalies, genetic disorders and diseases, including cancer. Therefore, a detailed understanding of the mechanisms involved in epigenetic silencing is expected to shed light on these human disease states and suggest new therapeutic approaches. To pursue these interests, her lab uses transcription-based approaches, functional screens and genomic approaches to identify new genes and regulatory pathways involved in disease initiation and progression.

Publications

Oncogenic TRIM37 links chemoresistance and metastatic fate in triple negative breast cancer. Oncogenic TRIM37 links chemoresistance and metastatic fate in triple negative breast cancer. Przanowski. P, Et al. Cancer Research, 2020 Aug.

Pharmacological reactivation of inactive X-linked Mecp2 in cerebral cortical neurons of living mice, Przanowski P, Et al. Proc Natl Acad Sci U S A., 2018 July