UNIVERSITY OF DELAWARE

CENTER FOR BIOINFORMATICS & COMPUTATIONAL BIOLOGY

BIOINFORMATICS SEMINAR

MUDIT TYAGI

Associate Professor

THOMAS JEFFERSON UNIVERSITY, PHILADELPHIA, PA

HIV LATENCY, THE MAJOR HURDLE IN HIV ERADICATION; AND THE IMPACT OF COCAINE ON HIV GENE EXPRESSION AND REPLICATION

Dr. Tyagi will describe HIV latency; How latently infected cells are generated, the involved molecular mechanisms and why elimination of latently infected cells is crucial for HIV eradication or cure.

Dr. Tyagi will also explain the impact of drugs of abuse, such as cocaine on HIV transcription and replication, and describe the underlying molecular mechanism through which cocaine promotes HIV gene expression and replication.

BIOGRAPHY

Dr. Tyagi is an Associate Professor at the Thomas Jefferson University, Philadelphia. He has done his Ph.D. with Prof. Mauro Giacca at International Center for Genetic Engineering and Biotechnology (ICGEB), Italy and Post-doc with Prof. Jonathan Karn at Case Western Reserve University, Cleveland, Ohio.

Dr. Tyagi has been working in the field of HIV transcription from last 20 years. Dr. Tyagi has published more than 40 peer-reviewed articles, and some of them have been cited 500 to 1000 times.

Dr. Tyagi has received numerous grants, including from AmfAR and Campbell foundation, besides several NIH grants. Currently, Dr. Tyagi has one ongoing R01 grant.

CBCB SEMINAR

10/26/2020

3:30 PM

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