ANAND PAREKH JOINS THE THAPAR LAB AT HAUPTMAN-WOODWARD

Anand Parekh has joined Hauptman-Woodward in the Thapar Lab as a research associate. Parekh will be characterizing a novel exonuclease in mammalian cells that may play a role in regulating mRNA degradation by micro RNAs. He is also involved in cloning and expressing the protein for structural studies.

Parekh has a wide variety of lab experience from a number of organizations including: the University at Buffalo School of Medicine and Biomedical Science; the SIES Institute of Environmental Management in Navi Mumbai, India; the Indian Clinical Data Management Association in Mumbai, India, the Padmashree Institute of Information Science in Bangalore, India; the Maharashtra Institute of Medical Science and Technology at J.J. Hospital in Mumbai, India; the Shri C.B. Patel Research Centre in Mumbai, India and the Nicholas Piramil India LTD – Dr. Padke’s Pathology Laboratory & Infertility Centre in Mumbai, India.

He received a bachelor’s degree in Biological Science from the University at Buffalo in 2008 and a bachelor’s degree in 2006 from the University of Mumbai-India-Ramnarain Ruia College in Mumbai, India.

The Thapar lab focuses on molecular recognition and assembly of large multi-protein and protein-RNA complexes that play important roles in regulation of RNA-mediated gene expression. A number of diseases that include cancer, mental retardation, and muscular dystrophy are caused due to mutations in noncoding regions of genes that can alter the assembly of protein-RNA complexes. Understanding how these ribonucleoprotein complexes assemble using structural biology can lead to new strategies for therapeutic intervention. The Thapar lab uses a multi-disciplinary approach combining structural techniques with biophysical tools and biochemical and molecular biological approaches to understand how protein-RNA complexes are regulated.

He resides in Buffalo, NY.

ABOUT HWI

With more than 50 years of exceptional scientific research, HWI is an internationally-renowned independent, non-profit facility specializing in the area of fundamental biomedical research known as structural biology. HWI’s team of more than 75 staff members is committed to improving human health by studying the causes of diseases, as well as potential therapies, at their basic molecular level. HWI is located in the heart of the Buffalo Niagara Medical Campus in downtown Buffalo, New York, in a new state-of-the-art structural biology research center at 700 Ellicott Street. For more information, visit HWI’s website at www.hwi.buffalo.edu or call 716- 898-8600.