Hauptman-Woodward Medical Research Institute Principal Research Scientist
Dr. Debashis Ghosh To Speak at the Endocrinology Congress in Kyoto, Japan

Debashis Ghosh, Ph.D., of the Hauptman-Woodward Medical Research Institute has been invited to speak at the 14th International Congress of Endocrinology from March 26-30, 2010 in Kyoto, Japan.

An international series of meetings are on endocrinology and Ghosh’s work on the aromatase enzyme will be discussed at the upcoming meeting. Aromatase, is the key enzyme in the production of estrogen. Ghosh will be speaking on his 2009 aromatase breakthrough, in which he determined the three-dimensional structure of the enzyme aromatase. Seventy-five to eighty percent of breast cancers are estrogen dependent. By knowing the three-dimensional structure of the aromatase inhibitors, drugs with minimal side effects can be developed to stop the production of estrogen and in turn reduce the growth of tumors.

About Dr. Debashis Ghosh
In addition to his position as an HWI principal research scientist, Ghosh is an associate member of the Department of Pharmacology and Therapeutics at RPCI and in the Department of Structural Biology of UB. Ghosh received his bachelor’s degree with honors in Physics, Chemistry and Mathematics from St. Xavier’s College, University of Calcutta, India and his master’s degree in Physics from the Indian Institute of Technology, Kharagpur, India. He completed a post-master’s fellowship in Biophysics at the Saha Institute of Nuclear Physics in Calcutta, India. Ghosh then earned his doctorate in Crystallography from the University of Pittsburgh and completed his post-doctoral fellowship in Material Science at Carnegie-Mellon University in Pittsburgh, Pennsylvania.

About HWI
With more than 50 years of exceptional scientific research, HWI is an independent, non-profit facility specializing in the area of fundamental biomedical research known as structural biology. Our team of more than 70 staff members is committed to improving human health by studying the causes of diseases, as well as potential therapies, at their basic molecular level. We are 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.

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