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Memorial Sloan Kettering  
Cancer Center

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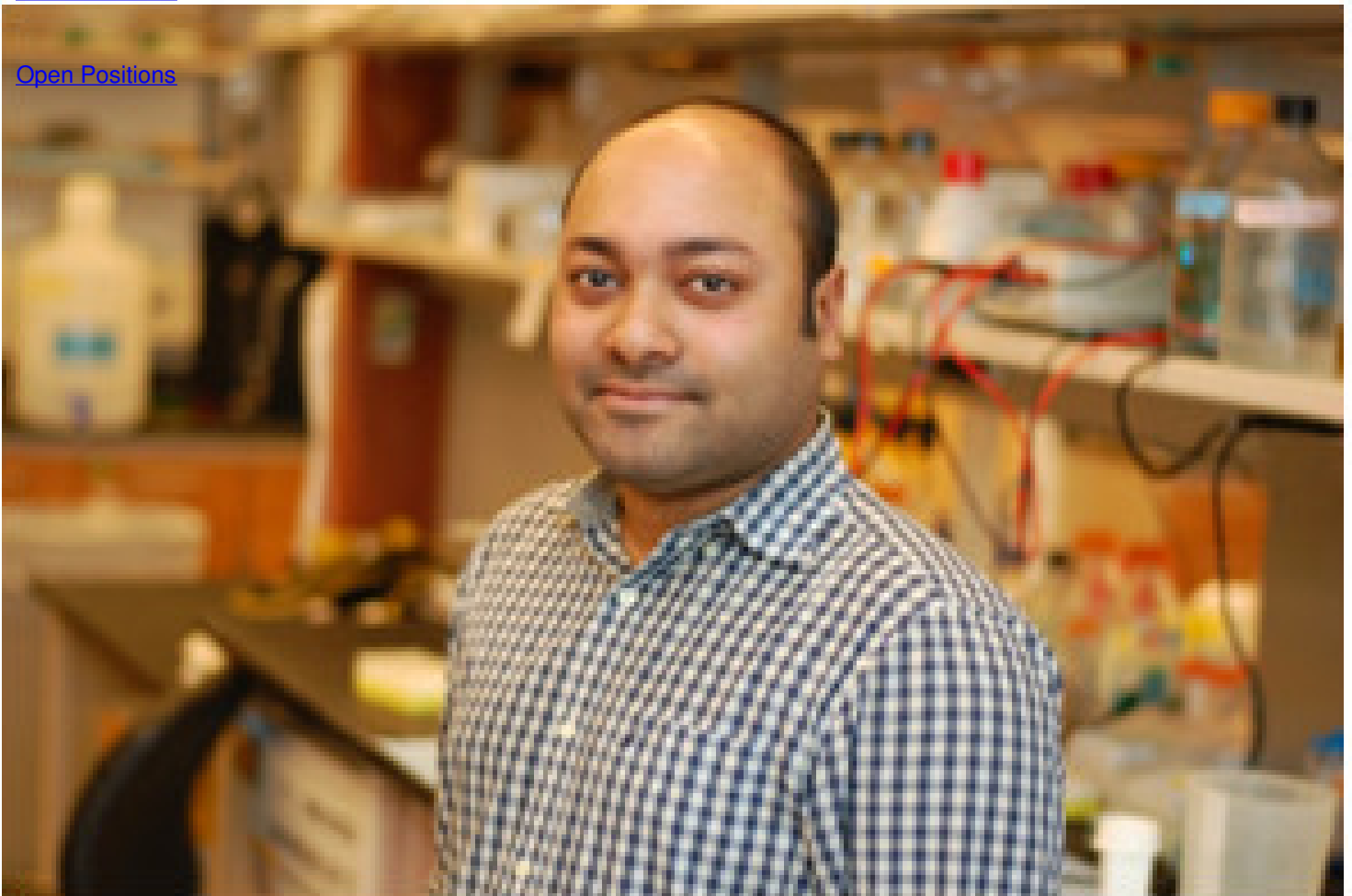
[Research](#)

## Mohammad Uddin

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Research Technician

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### Lab Phone

646-888-2216

I am working as a Research technician in Dr. Chiosis' lab at Memorial Sloan Kettering Cancer Center. I am currently involved in clinical trials, where my role is to perform drug pharmacokinetic studies. I am participating in several other projects as well, namely a neurodegenerative disease study, an efficacy study, and a correlative ex-vivo project. My responsibilities involve growing cells, establishing xenografts in mice, treating them with the appropriate drug, and harvesting the organs for determining drug uptake. I also perform tumor sectioning and its treatment with Hsp90 and Hsp70 inhibitors, where immunohistochemical and immunofluorescent staining is then done for specific protein biomarkers. In terms of animal work, I am responsible for breeding, weaning and maintaining the mouse colonies. I perform tail snips for genotyping, brain dissections, cerebral spinal fluid extractions and intraperitoneal injections.

#### Current Position

Graduate student at St John's University

#### Publications

Corben AD, Uddin MM, Crawford B, Farooq M, Modi S, Gerecitano J, Chiosis G, Alpaugh ML. Ex vivo treatment response of primary tumors and/or associated metastases for preclinical and clinical development of therapeutics. J Vis Exp. 2014(92):e52157. PubMed PMID: 25350385; PMCID: PMC4315621

Taldone T, Patel PD, Patel M, Patel HJ, Evans CE, Rodina A, Ochiana S, Shah SK, Uddin M, Gewirth D, Chiosis G. Experimental and structural testing module to analyze paralogue-specificity and affinity in the Hsp90 inhibitors series. J Med Chem. 2013 Sep 12;56(17):6803-18.

Gerecitano JF, Modi S, Gajria D, Taldone T, Alpaugh M, DaGama EG, Uddin M, Chiosis G, Lewis JS, Larson SM, Pillarsetty NV, Jhaveri KL, Krichevsky B, Chen MH, Dixit P, Dunphy MP. Using 124I-PU-H71 PET imaging to predict intratumoral concentration in patients on a phase 1 trial of PU-H71. 49th American Society of Clinical Oncology Annual Meeting. 2013;Abstract no. 11076.

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