



### **Shazia Rashid**

Assistant Professor

**Specialization: Cancer biology, Drug discovery, protein biochemistry, bioanalytics**

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Dr. Shazia Rashid obtained her PhD degree in Biomedical Sciences from University of Ulster, United Kingdom (U.K.) where she investigated the effects of novel white-rot basidiomycete on cancer *in vitro* and *in vivo*. After completing Ph.D. in 2009, she worked as a post-doctoral fellow at University of Ulster, working on a proof-of-concept project on protein analogues and Hydrophobic derivatives for nutraceutical applications; and later at University of Oxford on the functional relevance of novel SIK 2 proteins in ovarian and breast cancer in Prof. A. Ahmed lab. She joined Amity University, Noida in 2012 and have been teaching subjects like Cell Biology, Animal Biotechnology, Bioanalytical Instrumentation and Instrumentation in Biomedicine. In 2015, she became a crucial part of AIMMSCR as an adjunct faculty serving the institute both in educational and research activities. Her area of research is Cancer Biology and Drug Discovery with an emphasis on cervical and breast cancer.

#### **Current Research Project:**

ICMR funded research project entitled “**Assessment of human papillomavirus (HPV) infection status and genotypes among women and adolescents of Sikkim (AHPV-SGS)**”

#### **Honours and awards:**

1. Award of Postdoctoral grant from Cancer Research UK (CRUK) at University of Oxford (2011)
2. Award of Postdoctoral grant from Invest Northern Ireland (InvestNI) at University of Ulster (2009)
3. Fellowship grant from University of Ulster, Vice Chancellor’s Research Studentship (VCRS) for (2006 – 2009)
4. Gold Medal in Academic Excellence in MSc. Biotechnology (2006)

#### **Selected Important publications:**

1. **Shazia Rashid**, Satyanarayana Labani, Bhudev C Das. (2016) Knowledge, awareness and attitude on HPV, HPV vaccine and cervical cancer among the college students in India. **PLoS One** Nov 18, 11 (11) (IF – 3.6)
2. Thomas C Guest and **Shazia Rashid\*** (2016) Anticancer laccases: A review. **Journal of Clinical and Experimental Oncology**, 5:1, doi:10.4172/2324-9110.1000153. (IF – 1.05)
3. Simran jeet Kaur, Stephanie McKeown, **Shazia Rashid\*** (2015) Mutant SOD1 mediated pathogenesis of Amyotrophic Lateral Sclerosis. **Gene**, 577(2):109-18. (IF – 2.31)
4. Nikunj Sharma and **Shazia Rashid\*** (2015) Importance of Lipids in Management of Breast Cancer. **International Journal of Science and Research**, 4 (5): 937-40.
5. **Shazia Rashid**, Ali Unyayar, Mehmet Ali Mazmanci, Stephanie R McKeown, Jenny Worthington, Ibrahim M Banat (2015). Potentials of a *Funalia troglia* laccase enzyme as an anticancer agent. **Annals of Microbiology**, 65 (1): 175-183. (IF – 0.99)