

Dr. Shivani Chandra is an Assistant Professor at Amity Institute of Biotechnology, Amity University Uttar Pradesh, Noida, India. She has more than 20 years of experience in field of Biotechnology and Molecular Biology in India and abroad. She has done her MS from University of Maryland, College Park, USA and PhD. from Rajasthan University, India. She has worked in The Institute of Genomic Research (TIGR), USA, and was a key player in Rice Genome Sequencing project. Her research interests include PCR, Gene Cloning, DNA and Genome Sequencing, Genomics, Computational Biology and Big Data Analysis. She has submitted more than 4000 clones to the NCBI GenBank and published one book on Artificial Intelligence and Machine Learning in Healthcare from Springer Singapore. She is editorial board member and reviewer for a number of journals and has published several papers in the field of Genome Sequencing, Comparative Genomics, and Genome Analysis in respected journals such as Nature and Genome Research. She has more than 15 years of teaching experience in Computational Biology, Molecular Biology, Genetics, Recombinant DNA Technology, and Bioinformatics.