



Suniti Misra, Ph.D.: Dr. Misra is an Assistant Professor of the Departments of Regenerative Medicine and Cell Biology at the Medical University of South Carolina (MUSC), Charleston, South Carolina (SC), USA. She earned her Ph.D. at the Calcutta University in India followed by a faculty appointment at the University of Calcutta, Visiting Scientist in Harvard School of Public Health at the Harvard University, MA, USA, and then Associate Professor in Bose Research Institute, Calcutta, India, and is currently an Assistant Professor in MUSC, SC, USA. Her current research interests include understanding of the potential mechanism to block colon/intestine/pancreas/prostate tumor growth and invasiveness by specific delivery of novel CD44variant-shRNA/nanoparticles that inhibit hyaluronan/ CD44variant-induced signaling pathways in these tumor cells both *in vitro* and *in vivo*. She is a member of professional

societies, including the American Society of Biological Chemists, International Society for Hyaluronan Sciences, and Hollings Cancer Society. She is Editorial Board Member of World J of Biological Chemistry and Guest reviewer of British Journal of Cancer, PLOS ONE, BioMed Central, and IUBMB Life. She has two patents: one is US. Application Nos. 60/392,905 dated 07/1/2002: "Methods and compositions for inhibition of multi-drug resistance by hyaluronan oligomers", and the other is: US. Provisional Application Nos. 61/308,140 dated 2/25/2010 "Delivery of CD44shRNA/nanoparticles within cancer cells: perturbation of hyaluronan/CD44v6 interactions and reduction in adenoma growth in Apc Min/+ mice"