Mohammad Sarwar Nasir

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Born in a relatively under developed remote village of Pakistan, Dr. Nasir struggled for the basic education. Beating all the odds, he received his FSc. from Government College Shakargarh, BSc. from Murray College Sialkot and MSc. and M. Phil in Chemistry both from Quaid-I-Azam University, Islamabad (Pakistan). He came to the United States and finished his Ph.D. in 3 years from University of Albany, NY (1990) under the supervision of Professor Kenneth D. Karlin in the field of mechanistic studies of copper protein models. In 1990, Dr. Nasir moved to the Johns Hopkins University with Professor Karlin. In 1992, he joined Northwestern University first as a postdoctoral associate (1992-1994) and then as a Research Assistant Professor iointly in Chemistry Department and the Northwestern University Medical School (1994-1997). He had the opportunity to work with Professors Thomas V. O'Halloran, Brian Hoffmann and William D. Bloomer. While at Northwestern, he worked on a variety of projects including metal porphyrazines as conductors, zinc fluorescent dyes to locate the intracellular zinc and protein-DNA cross-linkers as cytotoxic agents. He also studied metalloprotease inhibitors as potential candidates for metastatic cancer treatment and won a grant for metastatic prostate cancer studies from Lurie Cancer Center, Chicago. In 1997 when Diachemix Corporation came into existence, Dr. Nasir decided to join Diachemix (now as Diachemix LLC) as the Principal Scientist. In 1998-1999, he was invited at Shaukat Khanum memorial Hospital & Research Center, Lahore, Pakistan for two months as a Consultant Scientist under United Nations Development Program. At Diachemix, Dr. Nasir has mastered the technique of fluorescence polarization (this issue) while developing various diagnostic assays in the field of grain mycotoxins, food pathogens and infectious diseases. He published his first review article on fluorescence polarization in 1999 in Combinatorial Chemistry & High Throughput Screening. He has been an invited speaker at many conferences, and has published many papers and patents.