

**Jaseem Anwer, Ph.D,** is **Scientific Director** at the Center for Biomedical Testing (CBT). Dr. Anwer is leading several analytical, bio-analytical, safety pharmacology, and pharmacokinetics studies in rodents, non-rodents and primates. Dr. Anwer is a highly motivated scientific professional with extensive experience in designing, performing, and supervising studies in a pre-clinical non-GLP and GLP environment. Dr. Anwer has background in studies involving general toxicity, toxicokinetics, therapeutic efficacy, and pharmacokinetics.

Dr. Anwer joined Neopharm, an oncology biopharmaceutical company, as a Study Director and Manager in 2004. There he was responsible for managing the toxicology program for the development of liposomal encapsulated cancer drugs. He investigated the safety profiles of liposomal encapsulated docetaxel, paclitaxel, doxorubicin, and oligonucleotides in rodents. He also developed a technique for intra-nasal instillation for a protein drug which has indications for pulmonary fibrosis. Dr. Anwer was also responsible for the development of human xenograft tumor models for the therapeutic efficacy of cancer drugs. Dr. Anwer received certified training to run LC-MS/MS for bioanalysis and qualified the method for the quantification of docetaxel in human plasma. During his stay in Neopharm he successfully managed to file INDs and advanced 3 drug candidates from pre-clinical studies to clinical trials.

Dr. Anwer previous positions also included Goodwin Biotechnology, a Contract Manufacturing Organization. There he was responsible for developing and validating bio-analytical assays using HPLC, ELISA, Gel Electrophoresis, and Iso-electric focusing techniques for protein characterization. He also has hands on experience in Endotoxin, Sterility, and Bio-burden techniques.

Dr. Anwer received his Ph.D. in Toxicology in 1986 from Industrial Toxicology Research Center, Lucknow, India. For his Ph.D. thesis he developed a Chick embryo model to investigate the protective roles of calcium and zinc against lead exposure during embryo development. He did his Post Doctoral work and held scientific positions at University of North Dakota, East Carolina University and Florida A & M University. His academic work involved investigating the effects of abused drugs—cocaine, marijuana, and alcohol—on glucose utilization and endorphins in different regions of the brain. Dr. Anwer has

presented his research results at numerous national and international scientific meetings and has published many scientific papers in peer-reviewed journals.