



Mark Kester is a Professor of Pharmacology and the Co-Director of the NanoSTAR Institute at the University of Virginia. He was previously the G. Thomas Passananti Professor of Pharmacology at Penn State Hershey College of Medicine and the inaugural Director of the Penn State Center for NanoMedicine and Materials. Dr. Kester's research interests include the design, characterization and validation of nanotechnologies for targeted drug delivery in cancer. His laboratory has evaluated nanoliposomes, nanodendrimers and nanocolloids as effective drug delivery vehicles for pharmacological and molecular agents. Recent work focuses on nontoxic nanoscale systemic delivery systems for hydrophobic pro-apoptotic lipids as well as siRNAs that target mutated tumorigenic proteins. Dr. Kester has consulted with, or founded, several companies that have the license to his nano"Solutions". In addition, Dr.Kester is a co-author of Integrated Pharmacology, published by Elsevier, Ltd., which was recognized as a "highly commended textbook" by the British Medical Society.

Nano-enabled Medicine

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