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Bio: David J. Klinke II is a rotating Program Director in the Systems and Synthetic Biology cluster within the Molecular and Cellular Biosciences division of the Directorate for Biological Sciences at the U.S. National Science Foundation. Following degrees in chemical engineering from Northwestern University, Prof. Klinke developed mathematical models of disease for one of the commercial pioneers in the emerging field of quantitative and systems pharmacology. Motivated by this experience, he joined West Virginia University in 2006 and currently is a Professor of Chemical and Biomedical Engineering. Supported by NSF and NCI, Prof. Klinke's research program blends aspects of experimental cancer immunology, mechanistic mathematical modeling and simulation, and machine learning to deepen understanding of how malignant cells escape host immunity.