

**FUTURE OF NANOMEDICINE PANEL: REALIZING THE POTENTIAL OF TARGETED DRUG
DELIVERY**

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Abstract: To realize the potential of incredible innovation and development in nanomedicine research laboratories over the last few decades, some aspects to consider are matching the natural tropism of a carrier with the right disease, extracting value and prediction from protein corona data, and screening or evolving nanomedicines in a platform (in vivo, ex vivo, in vitro, in silico) that better predicts translation to humans.

Bio: Julie Champion is the William R. McLain Endowed Term Professor in the School of Chemical & Biomolecular Engineering at Georgia Institute of Technology. She earned her B.S.E. in Chemical Engineering from the University of Michigan and Ph.D. in Chemical Engineering at the University of California Santa Barbara. She was an NIH postdoctoral fellow at the California Institute of Technology. Dr. Champion is a fellow of the American Institute for Medical and Biological Engineering and has received awards including American Chemical Society Women Chemists Committee Rising Star, NSF BRIGE Award, Georgia Tech Women in Engineering Faculty Award for Excellence in Teaching, Georgia Tech BioEngineering Program Outstanding Advisor Award.