Introduction to Lumanity

Presentation to Rutgers

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Panelist Biographies

Lumanity Asset & Organizational Strategy Consulting

Project Team

Vidya C. Sinha, PhD

Senior Consultant

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Vidya is a senior consultant at Lumanity. As a PhD-trained scientist with 15+ years of oncology experience, she supports optimization and clinical development strategy with focus in early-stage Oncology programs, leveraging her background in molecular and cell biology, oncology, and preclinical research using genetically-engineered and patient-derived xenograft animal models. Vidya has worked across a broad range of solid tumor indications, mechanisms and modalities, as part of numerous projects including opportunity assessments, indication prioritizations, forecasting, search and evaluations, and pitch deck generation.

Before joining Lumanity, Vidya was a Postdoctoral Fellow and Faculty Instructor at MD Anderson Cancer Center, where she studied how benign, non-invasive breast cancer becomes an invasive and potentially fatal disease. In addition, she contributed to research aimed at understanding the molecular mechanisms driving metastasis and treatment-resistance in BRCA-mutant and triple negative breast cancer, in alignment with two clinical trials. She completed her PhD training in Molecular and Cellular Biology at Baylor College of Medicine, investigating mechanisms of tumor initiation in the breast.

Vidya's research has resulted in several peer-reviewed publications as well funding from the Department of Defense, NIH, Stand Up to Cancer, and the Cancer Prevention Research Institute of Texas.

Prior to graduate school, Vidya received a BS in Cell and Molecular Biology from the University of Texas at Austin.

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Kaitlyn J. Andreano, PhD

Senior Consultant

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Kaitlyn is a senior consultant at Lumanity. She is a PhD-trained scientist with over 13 years of oncology experience. At Lumanity, she strives to utilize her scientific background and passion for drug development to aide clients in the optimization of therapeutic approaches and clinical development strategies. Kaitlyn has worked on a variety of projects, including opportunity assessments, indication prioritization, market forecasting, and clinical development strategy.

Prior to Lumanity, Kaitlyn worked as a Specialist, Project Management and Clinical Pharmacology at Nuventra Pharma Sciences. At Nuventra, Kaitlyn contributed to Clinical Pharmacology Consulting, Pharmacokinetic Analysis, and Regulatory Submission projects across disease contexts.

Kaitlyn earned her PhD from the Department of Pharmacology and Cancer Biology at Duke University. Her research focused on understanding how clinically relevant mutations in the Estrogen Receptor impact receptor pharmacology and therapeutic efficacy in metastatic breast cancer and gynecologic malignancies. She received several departmental and national recognitions, including the Ruth L. Kirschstein National Research Service Award from the National Cancer Institute. Her research resulted in six publications, a patent, and a Phase II Clinical Trial. During graduate school, she also spent a summer as an intern at Novartis Institutes of Biomedical Research.

Prior to graduate school, Kaitlyn earned her BS in Biochemistry from Virginia Polytechnic Institute and State University where she spent over three years studying platelet-cancer cell interactions. She spent summers at both Roswell Park Cancer Institute and Duke University.

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