

Andre Nussenzweig, Ph.D. SU2C Scientific Advisory Committee



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Andre Nussenzweig, Ph.D. is an NIH Distinguished Investigator, and chief of the Laboratory of Genome Integrity at the National Institute of Health's National Cancer Institute. Nussenzweig is a leading contributor to the study of mechanisms that maintain genomic stability and prevent

cancer. His laboratory has elucidated many fundamental features of DNA damage and repair proteins and revealed the critical role they play in both normal and pathogenic states. His studies have emphasized the importance of DNA repair pathways as drivers of specific hematological malignancies and as contributors to chemo-resistance/sensitivity in breast and ovarian cancers. The goal of his program is to use hypothesis-driven approaches to develop therapeutic strategies in the treatment of cancers. Dr. Nussenzweig is an elected member of the American Academy of Arts and Science, National Academy of Medicine, and National Academy of Sciences.