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Mechanisms of DNA Double-Strand Break Repair

Dr. Paull is originally from the island of Oahu in Hawaii. She received her B.S. and M.S. in Biological Sciences from Stanford Univ. in 1991, and received her Ph.D. from UCLA in 1996. Her post-doctoral research with Dr. Martin Gellert at NIH focused on V(D)J recombination and DNA repair and was supported by a fellowship from the Helen Hay Whitney Foundation. Dr. Paull established an independent laboratory in 2000 in the Dept. of Molecular Genetics and Microbiology at the University of Texas at Austin. Her research is aimed toward understanding the DNA damage response in eukaryotic cells, as well as the intersection between this response, oxidative stress signaling, and protein homeostasis in human cells. She was an Investigator with the Howard Hughes Medical Institute from 2008 through 2019 and is currently the Burl and Lorene Rogers Chair in Human Health and Professor in Molecular Biosciences at UT Austin.