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Dr. Bulyk received dual undergraduate degrees in Biology and in Mathematics from MIT in 1993. She received her Ph.D. in Biophysics in 2001 from Harvard University, where she worked in Dr. George Church's group. Shortly thereafter, she began as an Assistant Professor at Harvard. Currently she is a Professor in the Division of Genetics in the Department of Medicine, and also a Professor of Pathology, at Brigham & Women's Hospital and Harvard Medical School. She is also Co-Chair of the Harvard Biophysics Graduate Program, an Associate Member of the Broad [*pronunciation: \brōd*] Institute of MIT and Harvard, and an Associate Member of the Dana Farber Cancer Institute's Center for Cancer Systems Biology.

In 2005 Dr. Bulyk was named one of the TR35, MIT *Technology Review's* annual competition to select the top 35 young innovators under the age of 35, and in 2007 she was named in *Genome Technology's* annual selection of "Tomorrow's PIs". Dr. Bulyk was elected a 2023 AAAS Fellow by the American Association for the Advancement of Science "*For distinguished contributions to the understanding of transcription using computational and molecular techniques for the identification of cis-acting elements.*" She has served on numerous grant review panels, advisory boards, and journal editorial boards. Dr. Bulyk has published over 140 scientific articles and book chapters and has presented over 240 invited seminars. Her group is focused on studies of transcription factors, DNA regulatory elements, gene regulatory networks, and the effects of human genetic variation and disease mutations, using a variety of experimental and computational genomic approaches including new, highly parallel technologies they have developed.