



## Joanna Wysocka, PhD

Joanna Wysocka is a Lorry Lokey Professor in the Department of Chemical and Systems Biology and the Department of Developmental Biology at Stanford University, a Member of the Stanford Institute for Stem Cell Biology and Regenerative Medicine and an HHMI Investigator.

Joanna Wysocka, Ph.D. has done her PhD work at the Cold Spring Harbor Laboratory with Dr. Winship Herr and, after graduating in 2003, postdoctoral training at the Rockefeller University with Dr. David Allis. Joanna's research is focused on understanding gene regulatory mechanisms in human development, disease and evolution. Her lab is employing a broad combination of genomic, genetic, biochemical, biophysical, single-cell and embryological approaches in a number of cellular and organismal models to investigate functions of the non-coding parts of the genome, understand regulatory mechanisms underlying stem cell function, cellular plasticity and differentiation, investigate how quantitative changes in gene expression dictate differences in human traits, and study craniofacial development and variation. Dr. Wysocka is a recipient of numerous awards, including the Searle Scholar Award, W.M. Keck Foundation Distinguished Young Scholar Award, ISSCR Outstanding Young Investigator Award, and Vilcek Prize for Creative Promise. She was elected to the American Academy of Arts and Sciences in 2018 and to EMBO in 2019.