

CHUAN HE, PHD

Professor
Department of Chemistry
The University of Chicago, Chicago, IL

Chuan He, PhD, is a Professor in the Department of Chemistry and Director of Institute for Biophysical Dynamics at the University of Chicago. He received his BS (1994) from the University of Science and Technology of China and his PhD Degree from Massachusetts Institute of Technology in Chemistry in 2000 (with Professor Stephen J. Lippard). After being trained as a Damon-Runyon postdoctoral fellow at Harvard University from 2000-2002 (with Professor Gregory I. Verdine), he joined the University of Chicago as an Assistant Professor in the Department of Chemistry and was promoted to full Professor in 2010. He is also a member of the Cancer Research Center at the University of Chicago. His research spans a broad range of chemical biology, biochemistry, cell biology, structural biology and microbiology.

STEVEN HENIKOFF, PHD

Member, Basic Sciences, Fred Hutchinson Cancer Research Center
Investigator, Howard Hughes Medical Institute
Affiliate Professor, Genome Sciences
University of Washington, Seattle, WA

Steven Henikoff received a BS degree in Chemistry from the University of Chicago and a PhD degree in Biochemistry and Molecular Biology from Harvard University, and carried out postdoctoral research at the University of Washington. He joined the Fred Hutchinson Cancer Research Center in Seattle in 1981, where he is a Member of the Basic Sciences Division and an Affiliate Professor of Genome Science at the University of Washington. He has been an Investigator of the Howard Hughes Medical Institute since 1990 and a Member of the US National Academy of Sciences since 2005. He is co-Editor-in-Chief of *Epigenetics & Chromatin*, a member of the Editorial Boards of *Trends in Genetics*, *Current Opinion in Genetics and Development* and *Genome Biology*, and a member of the Scientific Advisory Boards of Epizyme, Inc. and the Chicago Biomedical Consortium. His laboratory studies chromatin processes, epigenetic inheritance, centromere structure, function and evolution, and develops tools for epigenomics.

JONATHAN D. LICHT, MD, PHD

Johanna Dobe Professor of Medicine
Division of Hematology/Oncology
Northwestern University, Evanston, IL

Dr. Licht is the Johanna Dobe Professor of Medicine, Chief, Division of Hematology/Oncology and an Associate Director (Clinical Sciences) of the Robert H. Lurie Comprehensive Cancer Center of Northwestern. For over 20 years, Dr. Licht's laboratory has studied aberrant transcriptional regulation as a cause of hematological malignancy. This has included the molecular biology of acute promyelocytic leukemia and transcriptional mechanisms and targets of the PLZF transcription factor. More recently he has studied chromatin changes and gene expression mediated by the MMSET protein overexpressed in a subset of multiple myeloma, as well as aberrant gene and miRNA regulation in myeloproliferative neoplasms, and most recently chromatin changes mediated by EZH2 in lymphoma. Dr. Licht is the Principal Investigator of a Leukemia Society Specialized Center of Excellence grant on chromatin mechanisms in hematological malignancies and Senior Scientific Leader of the Northwestern University NCI-funded Physical Sciences Oncology Center, also centered on aberrant chromatin regulation. Dr. Licht is a Senior Editor of *Clinical Cancer Research* and serves on the editorial boards of *Oncogene*, *Clinical Epigenetics* and *Cancer Biology and Therapy*. Dr. Licht is a member of the Basic Sciences Committee of the NCI Board of Scientific Counselors. He has trained over 20 postdoctoral fellows and 9 graduate students.

TOM MISTELI, PHD

Head, Cell Biology of Genomes Group
Senior Investigator
National Cancer Institute, Bethesda, MD

Tom Misteli is an internationally renowned cell biologist who pioneered the use of imaging approaches to study genomes and gene expression in living cells. He is a Senior Investigator at the National Cancer Institute, NIH, where he heads the Cell Biology of Genomes Group and the NCI Center for Cellular Screening. He obtained his PhD from the University of London, UK and performed post-doctoral training at the Cold Spring Harbor Laboratory. His laboratory's current interest is to uncover fundamental principles of spatial genome organization and to apply this knowledge to the development of novel diagnostic and therapeutic strategies for cancer and aging. He has received numerous awards including the Gian-Tondury Prize, The Gold Medal of the Charles University, the NIH Director's Award and an NIH Merit Award. He acts as an advisor for numerous national and international agencies and serves on several editorial boards including *Cell*. He is the Editor-in-Chief of *The Journal of Cell Biology* and of *Current Opinion in Cell Biology*.

QUN-TIAN WANG, MD, PHD

Assistant Professor
Department of Biological Sciences
University of Illinois at Chicago, Chicago, IL

Dr. Wang grew up in Beijing and got her BS in Biochemistry from Beijing University. After college, she came to Northwestern University to pursue a PhD from the Department of Biochemistry, Molecular Biology, and Cell Biology, where she used the fruit fly as a model system to study how gene expression patterns are set up by the Hedgehog morphogen *via* the zinc-finger transcription factor Ci. Her fascination with gene regulation continued as she went to California for her postdoc and studied gene expression patterns during mammalian pre-implantation development at Stanford University. Dr. Wang moved back to Chicago in 2007 and started her own lab at UIC to study the role of chromatin in gene regulation in mammalian cardiac development and disease.

JOANNA WYSOCKA, PHD

Assistant Professor
Department of Chemical and Systems Biology
Department of Developmental Biology
Stanford University, Stanford, CA

Joanna Wysocka, PhD, is an Assistant Professor in the Department of Chemical and Systems Biology and the Department of Developmental Biology at Stanford University. She has done her graduate work at the Cold Spring Harbor Laboratory with Dr. Winship Herr and postdoctoral training at the Rockefeller University with Dr. David Allis. In the fall of 2006, Dr. Wysocka established her independent research group at Stanford University, where her research is focused on understanding chromatin-mediated mechanisms that regulate self-renewal and differentiation with particular interest in the molecular basis of developmental plasticity. Dr. Wysocka received numerous awards for her research, including the Searle Scholar Award, Baxter Award, Terman Fellow Award, California Institute for Regenerative Medicine New Faculty Award, W.M. Keck Foundation Distinguished Young Scholar Award and 2010 International Society for Stem Cell Research Outstanding Young Investigator Award.