
Contents

DNA Repair and Chromosomal Translocations.	1
Stefan K. Bohlander and Purvi M. Kakadia	
CINcere Modelling: <i>What Have Mouse Models for Chromosome Instability Taught Us?</i>	39
Judith E. Simon, Bjorn Bakker and Floris Foijer	
Telomere Dysfunction, Chromosomal Instability and Cancer.	61
Jitendra Meena, K. Lenhard Rudolph and Cagatay Günes	
Genetic Instability and Disease Prognostication.	81
Timo Gemoll, Gert Auer, Thomas Ried and Jens K. Habermann	
Causes of Chromosomal Instability.	95
Holger Bastians	
Patterns of Chromosomal Aberrations in Solid Tumors.	115
Marian Grade, Michael J. Difilippantonio and Jordi Camps	
Yeast as Models of Mitotic Fidelity.	143
Eduardo Torres	
The Diverse Effects of Complex Chromosome Rearrangements and Chromothripsis in Cancer Development.	165
Mirjam S. de Pagter and Wigard P. Kloosterman	
Consequences of Aneuploidy in Cancer: Transcriptome and Beyond.	195
Milena Dürrbaum and Zuzana Storchová	

Chromosomal Instability in Cancer Cells

Ghadimi, B.M.; Ried, Th. (Eds.)

2015, VII, 224 p. 39 illus. in color., Hardcover

ISBN: 978-3-319-20290-7