

- malignant progression of neuroblastoma. *Proc Natl Acad Sci USA* 1984; 81: 4940-4.
13. Slamon DJ, Clark GM, Wong SG, Levin WJ, Ullrich A, McGuire WL. Human breast cancer: correlation of relapse and survival with amplification of the HER-2/neu oncogene. *Science* 1987; 235: 177-82.
 14. Streubel B, Valent P, Jager U, Edelhauser M, Wandt H, Wagner T, et al. Amplification of the MLL gene on double minutes, a homogeneously staining region, and ring chromosomes in five patients with acute myeloid leukemia or myelodysplastic syndrome. *Genes Chromosomes Cancer* 2000; 27: 380-6.
 15. Michaux L, Wlodarska I, Stul M, Dierlamm J, Mugneret F, Herens C, et al. MLL amplification in myeloid leukemias: A study of 14 cases with multiple copies of 11q23. *Genes Chromosomes Cancer* 2000; 29: 40-7.
 16. Cuthbert G, Thompson K, McCullough S, Watmore A, Dickinson H, Telford N, Met al. MLL amplification in acute leukaemia: a United Kingdom Cancer Cytogenetics Group (UKCCG) study. *Leukemia* 2000; 14: 1885-91.
 17. Andersen MK, Christiansen DH, Kirchoff M, Pedersen-Bjergaard J. Duplication or amplification of 11q23, including the unrearranged MLL gene, is a recurrent abnormality in therapy-related MDS and AML, and is closely related to mutation of TP53 and to previous therapy with alkylating agents. *Genes Chromosomes Cancer* 2001; 31: 33-41.
 18. Coquelle A, Pipiras E, Toledo F, Buttin G, Debatisse M. Expression of fragile sites triggers intrachromosomal mammalian gene amplification and sets boundaries to early amplicons. *Cell* 1997; 89: 215-25.
 19. Pipiras E, Coquelle A, Bieth A, Debatisse M. Interstitial deletions and intrachromosomal amplification initiated from a double-strand break targeted to a mammalian chromosome. *EMBO J* 1998; 17: 325-33.
 20. Zatkova A, Ullmann R, Rouillard JM, Lamb BJ, Kuick R, Hanash SM, et al. Distinct sequences on 11q13.5 and 11q23-24 are frequently coamplified with MLL in complexly organized 11q amplicons in AML/MDS patients. *Genes Chromosomes Cancer* 2004; 39: 263-76.
 21. Zatkova A, Schoch C, Speleman F, Poppe B, Mannhalter C, Wimmer K. GAB2 is a novel target of 11q amplification in AML/MDS. *Genes Chromosomes Cancer* 2006; 45: 798-807.
 22. Poppe B, Vandesompele J, Schoch C, Lindvall C, Mrozek K, Bloomfield CD, et al. Expression analyses identify MLL as a prominent target of 11q23 amplification and support an etiologic role for MLL gain of function in myeloid malignancies. *Blood* 2004; 103: 229-35.
 23. Scheres JM, Hustinx TW, Geraedts JP, Leeksa CH, Meltzer PS. Translocation 1;7 in hematologic disorders: a brief review of 22 cases. *Cancer Genet Cytogenet* 1985; 18: 207-13.
 24. Johansson B, Arheden K, Hoglund M, Othzen A, Bekassy AN, Turesson I, et al. Fluorescence in situ hybridization analysis of whole-arm 7;12 translocations in hematologic malignancies. *Genes Chromosomes Cancer* 1995; 14: 56-62.
 25. Wang P, Spielberger RT, Thangavelu M, Zhao N, Davis EM, Iannantuoni K, et al. dic(5;17): a recurring abnormality in malignant myeloid disorders associated with mutations of TP53. *Genes Chromosomes Cancer* 1997; 20: 282-91.
 26. Andersen MK, Pedersen-Bjergaard J. Increased frequency of dicentric chromosomes in therapy-related MDS and AML compared to de novo disease is significantly related to previous treatment with alkylating agents and suggests a specific susceptibility to chromosomes breakage at the centromere. *Leukemia* 2000; 14: 105-11.
 27. Wang L, Ogawa S, Hangaishi A, Qiao Y, Hosoya N, Nanya Y, Ohyashiki K, Mizoguchi H, Hirai H. Molecular characterization of the recurrent unbalanced translocation der(1;7)(q10;p10). *Blood* 2003; 102: 2597-2604.
 28. Qian Z, Fernald AA, Godley LA, Larson RA, Le Beau MM. Expression profiling of CD34+ hematopoietic stem/progenitor cells reveals distinct subtypes of therapy-related acute myeloid leukemia. *Proc Natl Acad Sci USA* 2002; 99: 14925-30.
 29. Schoch C, Kern W, Kohlmann A, Hiddemann W, Schnittger S, Haferlach T. Acute myeloid leukemia with a complex aberrant karyotype is a distinct biological entity characterized by genomic imbalances and a specific gene expression profile. *Leukemia* 2005; 43: 227-38.