

INDUCED ANEUPLOIDY IN CANCER

Aneuploidies play a crucial role in cancer (see post “Aneuploidies and cancer: just passengers?”). Lakhani et al., TIG¹) review the recent advances in this field, focusing, in particular, on a new strategy: the induction of specific aneuploidies with a CRISPR-based technique. This approach allows the creation of isogenic cell lines with specific chromosomal changes. The advantage of these experiments is the generation of genetically controlled backgrounds for the identification of multiple dosage-sensitive genes encoded on aneuploid chromosomes.

1- [https://www.cell.com/trends/genetics/fulltext/S0168-9525\(23\)00219-6?_returnURL=https%3A%2F%2Flinkinghub.elsevier.com%2Fretrieve%2Fpii%2FS0168952523002196%3Fshowall%3Dtrue](https://www.cell.com/trends/genetics/fulltext/S0168-9525(23)00219-6?_returnURL=https%3A%2F%2Flinkinghub.elsevier.com%2Fretrieve%2Fpii%2FS0168952523002196%3Fshowall%3Dtrue)