

## **Molecular mechanisms of chromosomal instability that leads to tumorigenesis**

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Chromosomal instability (CIN) causes aneuploidy, which is a potent driver of tumorigenesis. Although there are several possibilities to explain the causes of CIN, the root cause of CIN is elusive. We found that a wide range of CIN cell lines show common defects in the inner centromere-shugoshin network, which coordinates sister chromatid cohesion and kinetochore-microtubule attachment.