

**A REC8-dependent plant Shugoshin is required for maintenance of centromeric cohesion during meiosis and has no mitotic functions**

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**ABCE1 is essential for S phase progression in human cells**

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**The design of unit cells by combining the self-reproduction systems and metabolic cushioning loads**

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**Poriferan survivin exhibits a conserved regulatory role in the interconnected pathways of cell cycle and apoptosis**

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**Single-cell model of prokaryotic cell cycle**

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**WEE1 kinase inhibitor AZD1775 induces CDK1 kinase-dependent origin firing in unperturbed G1- And S-phase cells**

**Moiseeva, Tatiana**; Qian, Chenao; Sugitani, Norie; Osmanbeyoglu, Hatice U.; Bakkenist, Christopher J. Proceedings of the National Academy of Sciences of the United States of America 2019 / 3 p. : ill <https://doi.org/10.1073/pnas.1915108116> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)