

An MBoC Favorite: Cytokinesis and midzone microtubule organization in *Caenorhabditis elegans* require the kinesin-like protein ZEN-4

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In celebration of MBoC's first 20 years, members of the Editorial Board, members of the ASCB Council, and others comment on their favorite MBoC papers from the past two decades.

This article was my first experience with MBoC. Although my lab has traditionally not worked on cytokinesis, positional cloning led us to ZEN-4/MKLP1 kinesin, and this paper was the first genetic demonstration of a role in cytokinesis for MKLP1 kinesins, which are conserved from worms to humans (Raich *et al.*, 1998). At the time, little was known about these proteins. MBoC had the vision to see the value of this work when other journals could not. Now it is one of my lab's most highly cited publications, a testimony to why MBoC is a wonderful journal, and why I am grateful for the consistent quality of its publications and process.

REFERENCE

Raich WB, Moran AN, Rothman JH, Hardin J (1998). Cytokinesis and midzone microtubule organization in *Caenorhabditis elegans* require the kinesin-like protein ZEN-4. *Mol Biol Cell* 9, 2037–2049.

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