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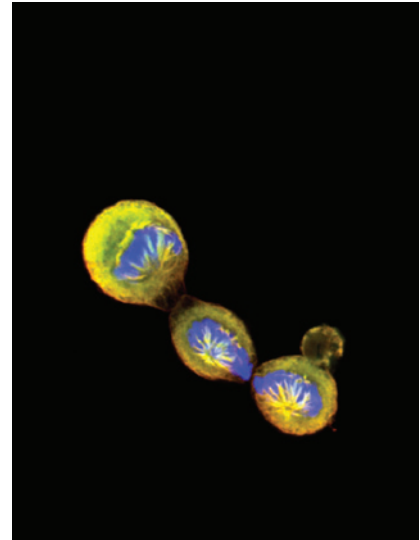
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ABOUT THE COVER

In this issue (beginning on page 370), Mooneyham and colleagues demonstrate that UNC-45A is a novel microtubule-associated protein that antagonizes the effect of paclitaxel in ovarian cancer cells, leading to chemoresistance. The immunofluorescent cover image shows strong colocalization between UNC-45A (red) and alpha tubulin (green) in synchronized metaphase HeLa cells. This finding was key in the later identification of UNC-45A as a novel microtubule-associated protein that functions to destabilize microtubules and confer paclitaxel resistance. Together, this study reveals UNC-45A as a promising biomarker and molecular target for paclitaxel-resistant human cancers.

Cover image by Mooneyham not featured in article.



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