

# MOLECULAR CANCER RESEARCH

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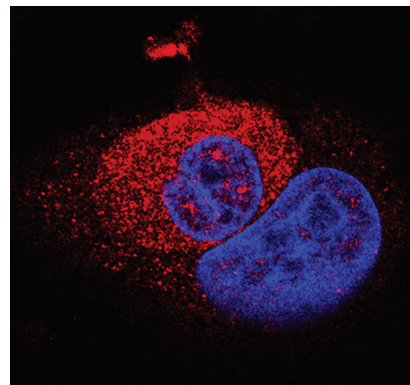
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## ABOUT THE COVER

LncRNA-encoded micropeptides play numerous oncogenic roles, but whether they contribute to dysregulated lipid metabolism in cancer has not been established. In their study on page 1064, Zhang and colleagues discovered that *LINC00887* encodes a micropeptide in clear cell renal cell carcinoma (ccRCC) cells. Downstream mechanistic studies demonstrated that the micropeptide interacts with and stabilizes ATP citrate lyase (ACLY)—prompting the authors to name the micropeptide ACLY-BP—by decreasing sirtuin 2-mediated ACLY deacetylation and subsequent ubiquitination. By stabilizing ACLY, ACLY-BP promotes lipid accumulation and ccRCC cell proliferation. The cover features an immunofluorescent image of ACLY-BP-expressing ccRCC cells, wherein ACLY-BP fluoresces red and DAPI-stained nuclei fluoresce blue. The authors used immunofluorescent imaging and immunoblotting to show that shRNA-mediated *LINC00887* ablation decreases ACLY-BP abundance, confirming the specificity of the ACLY-BP antibody used in the study. This article is also Highlighted on page 993.



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