Review of: "LIX1 controls digestive mesenchyme-derived cell fate decision by regulating cristae organization in mitochondria"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

Guerin and coworkers reveal LIX1 controls digestive mesenchyme-derived cell fate decision by regulating cristae organization in mitochondria in this manuscript. Previously, they identified LIX1 as a master regulator of digestive mesenchymal progenitor specification through the control of the Hippo effectors YAP1/TAZ. Here, this study brings insights into how LIX1 controls GIST tumorigenesis. And also, they find that LIX1 contributes to the maintenance of the cristae organization and mitochondrial function, which are essential for cancer cell proliferation. Thus, the present study will open new avenues for GIST treatment strategies. The data are totally clear and the manuscript is well written. The manuscript gives us new insights into mitochondrial research.