

Lipid droplets as metabolic determinants for stemness and chemor



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Publish Year: 2019

IMPLICATIONS: These findings underlie the importance of a novel morphologic-**metabolic** phenotype associated with chemotherapy resistance in TNBC, and bring to light novel therapeutic targets resulting...

[Lipid droplets: platforms with multiple functions in ...](#)

<https://www.nature.com/articles/s41419-020-2297-3>

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Author: André L. S. Cruz, André L. S. Cruz, Ester d...

Publish Year: 2020

Feb 06, 2020 · **Lipid droplets** accumulate in a variety of **cancer** cells. **Lipid droplets** modulate the cross-talk between tumors and other cell types in **tumor** microenvironment. **Lipid droplet** ...

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Name of Journal: *World Journal of Stem Cells*

Manuscript NO: 65667

Manuscript Type: MINIREVIEWS

Lipid droplets as metabolic determinants for stemness and chemoresistance in cancer

Lipid droplets in cancer stem cells

Alba Royo-Garcia, Sarah Courtois, Beatriz Parejo-Alonso, Pilar Espiau-Romera, Patricia Sancho

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Metabolism-Based Therapeutic Strategies Targeting Cancer ...

<https://www.frontiersin.org/articles/10.3389/fphar.2019.00203> ▾

Interestingly, increased **lipid** uptake points to the crucial role of microenvironment supporting **cancer (stem) cell** functions: tumor-activated adipocytes provide FAs to support leukemia CD34 + cells growth, survival and **chemoresistance** (Ye et al., 2016;...

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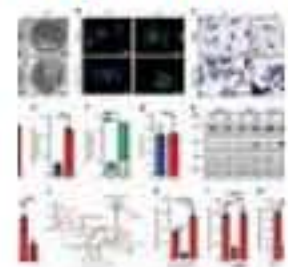
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TGFβ2-induced formation of lipid droplets supports ...

<https://www.nature.com/articles/s41467-019-14262-3>

Jan 23, 2020 · Acidosis-adapted **cancer** cells accumulate **lipid droplets**. ... Siegel, P. M. **Metabolic** plasticity as a **determinant** of tumor growth and metastasis. ... and TGF-beta2 to promote **chemoresistance** ...

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Author: Cyril Corbet, Estelle Bastien, Joa...

Publish Year: 2020

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What is the role of lipid metabolism in cancer?

