

# Review of: "Increased Protein and Transcript Expression Levels of Lysine-Specific Demethylase 1 (LSD1) Signify Worse Prognosis in Triple-Negative Breast Cancer"

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Potential competing interests: No potential competing interests to declare.

The manuscript is well-structured, informative, and addresses an important question concerning the role of LSD1 in Triple-Negative Breast Cancer (TNBC). However, there are several areas that could be improved for clarity, completeness, and robustness of the findings.

The study involves 389 TNBC cases from a single center (Singapore General Hospital). Given the complexity and heterogeneity of TNBC, the sample size and single-center source may not be representative. It would be beneficial to include samples from multiple centers and possibly from varied ethnic backgrounds.

The methods section is generally clear but could benefit from additional details, especially concerning the criteria for patient exclusion and statistical methods. For example, what were the specific criteria for the 52 excluded cases?

The study would be strengthened by the inclusion of a validation cohort to confirm the findings. This would give more weight to the conclusions drawn.

It would be interesting to explore whether LSD1 expression has any correlation with other known markers or therapies for TNBC. This could provide more nuanced treatment strategies.

The manuscript is mostly well-written but could benefit from additional proofreading to correct minor grammatical errors and improve clarity.