# Article information:

Identification of lysine-lactylated substrates in gastric cancer cells - PubMed  
<https://pubmed.ncbi.nlm.nih.gov/35800753/>

# Article summary:

1. A comprehensive analysis of lactylated proteins in gastric cancer AGS cells was conducted, revealing 2375 Kla sites found in 1014 proteins.

2. KEGG pathway analysis showed that these proteins were significantly enriched in spliceosome function.

3. High levels of Kla in gastric tumors were associated with poor prognosis, suggesting that Kla could be a prognostic marker in gastric cancer.

# Article rating:

May be slightly imbalanced: The article presents the information in a generally reliable way, but there are minor points of consideration that could be explored further or claims that are not fully backed by appropriate evidence. Some perspectives may also be omitted, and you are encouraged to use the research topics section to explore the topic further.

# Article analysis:

The article is generally reliable and trustworthy, as it provides a comprehensive analysis of lysine-lactylated substrates in gastric cancer cells and presents the findings objectively. The authors have provided evidence for their claims and have explored counterarguments where appropriate. The article does not appear to contain any promotional content or partiality, and possible risks are noted throughout the text. Furthermore, both sides of the argument are presented equally, allowing readers to make an informed decision about the findings presented.

The only potential issue with the article is that it does not provide any information on how the data was collected or what methods were used to analyze it, which could lead to some uncertainty regarding its accuracy and validity. Additionally, there is no discussion of potential limitations or future directions for research related to this topic, which could be beneficial for readers looking for more information on this subject matter.

# Topics for further research:

* Lysine-lactylated substrates in gastric cancer
* Gastric cancer cell analysis methods
* Potential risks of lysine-lactylated substrates
* Limitations of lysine-lactylated substrates research
* Future directions for lysine-lactylated substrates research
* Evidence-based analysis of lysine-lactylated substrates

# Report location:

<https://www.fullpicture.app/item/9d731034b1039139f30dafac30d2b8f7>