- I learned the study's definition of the difference between replication, reproduction, and robustness.

Replication: getting the same measurements when done by same lab, methods, materials etc.

Reproducibility: getting the same measurements under different conditions than the original

Robust: coming to the same conclusions when different protocols and biological systems are used.

- There are currently many drawbacks to testing reproducibility of previous studies instead of novel research.

- Genetic evolution of cell lines can lead to vastly different characteristics between the same cell line being used in two different labs.

- The effectiveness of text mining when finding specific information from several papers.

How can this automated method be applied to studies that used patient samples without using the original patient samples?

Would using their definition of robust disqualify valid findings due to confounding variables from using very different biological systems or methodologies?