

# How is science validated and what's the role of peer review?

## PEER REVIEW

Focuses on one study (usually)

Should **provide an opinion** on whether a study:

- Is reported in a way that allows others to repeat it. - **Is reproducible.**
- Used appropriate methods for the study aims, drew conclusions supported by the data etc. - **Is sound.**

If done properly, peer review **supports the validation process.**

This is a **subjective** but relatively **fast process.**



Repeating the study/reanalysing the data and getting similar findings **VALIDATES THE FINDINGS**

This is an **objective** but **slow process.**