

Bench

Definition: In biomedical and scientific contexts, “bench” refers to the **physical laboratory workspace** where experiments are performed. It is also used **metonymically** to describe **basic or preclinical scientific research**.

Common uses:

- 'Bench work': Practical hands-on laboratory experimentation.
- 'Bench research': Basic science research, often involving molecular biology, cell culture, or chemical analysis.
- 'Bench-to-bedside': The process of translating discoveries from the laboratory into clinical applications.

Related terms:

- 'Bench scientist': A researcher who performs lab-based experiments.
- 'Bench study': An experiment performed in vitro or in a model system, outside of living humans or animals.

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