

Fraud in Cancer Treatment

IMPORTANCE OF REPRODUCIBLE RESEARCH

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Match patient's tumor to best chemo drug = holy grail of cancer care



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Right idea, but complete fraud

Underlying data analysis was faulty -> sub-optimal treatments for patients

Research needs to be reproducible

Study replication is the “gold standard” in research world

Bridge between gold standard and no replication:

- Providing “reproducible research”
- Researchers can verify methods and data
- Then can build upon work more easily

Data analysis easy to get wrong, and hard to know when you’re right

Reproducible research in high-throughput biology

Cancer research today: CAR-T and other exciting developments
