

Building Blocks of Research



Seed funding for new research projects

> Researchers seek funding from grants, agencies, or private investors to support their early stages of development.



Preclinical testing of therapy

Potential treatments are tested in labs to evaluate safety, effectiveness, and possible side effects before human trials.





Fundamental science research to understand the disease

Scientists study a disease's biological process to understand its causes and identify potential treatment strategies.

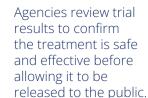


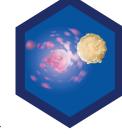
Discovery of a viable target

Researchers find a potential molecule or pathway that plays a key role in the disease and could be used for treatment.



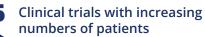
Regulatory approval





Patient receives new treatment

After approval, the new therapy becomes available to patients, improving treatment options and quality of care.



The treatment is tested on humans, starting with small safety studies and progressing to larger trials to refine dosage and measure long term success.