Biomedical Research

Across
1. This is what is really being tested if humans are used in BM research
7. Research most often using animals
9. The invention of the heart lung machine improved the outcome for this type of surgery
12. During this phase healthy human volunteers are first used
13. Developed the attenuated polio virus vaccine
14. Focuses on a particular age group
16. This therapy is now a treatment for cancer
17. Reduction in this has reduced heart disease by 40%
19. In Vitro means
20. Computers are great research models but cannot replace this type of testing
21. In Vitro studies are critical to the study of what

Down
2. One benefit to computer research models
3. The use of animals in research is governed by this type of regulation
4. In Vitro takes place in a what
5. Due to BM research this helped reduce the number of cavities
6. Biomedical research is currently being conducted on this type of disease
8. Discovered Penicillin
10. This is the most studied disease in BM Research
11. This is used to make insulin
15. This is the best substitute for human testing
18. Conducted to increase fundamental knowledge