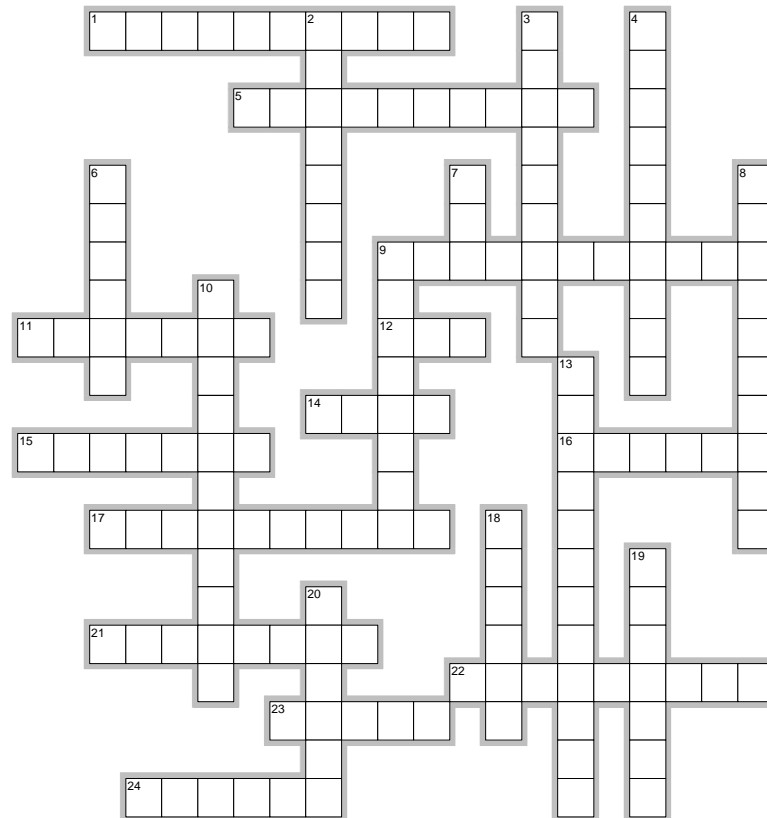


### Across

1. \_\_\_\_\_ diseases are caused by the growth of pathogenic organisms in the body.
5. Outward or visible aspect of a person or thing.
9. The complete destruction of every trace of something, e.g. an illness.
11. A general term for the research activity that creates a copy of some biological entity -a gene or organism or cell.
12. ABBREVIATION for 'In vitro fertilization'.
14. `\_\_\_\_\_ cells' are those which give rise to a lineage of cells, particularly the most primitive cells from which all the various types of blood cell are derived.
15. A substance which contains a harmless form of a virus or bacterium, and which is given to a person or animal to prevent them from getting the disease which the virus or bacterium causes.
16. An animal organism in the early stages of growth.
17. `Life \_\_\_\_\_': the length of time that a living thing, especially a human being, is likely to live.
21. Small lines in the skin caused by old age.
22. A `\_\_\_\_\_ mother' is a woman who has a baby for another woman who is unable to become pregnant or have a baby herself.
23. Someone who gives blood or an organ to be used in another person.
24. A sudden change in the blood supply to a part of the brain, which can cause a loss of the ability to move particular parts of the body.

## GENETICS and MEDICAL SCIENCE



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### Down

2. Silicone ones are used to replace or increase the size of body parts that can be seen.
3. An operation for removal of facial defects typical of aging (HYPHENATED WORD).
4. `\_\_\_\_\_ diseases' are passed from the genes of a parent to a child.
6. Soft fatty tissue in the centre of a bone.
7. ABBREVIATION for 'Deoxyribonucleic Acid', a substance which is present in the cell nuclei of nearly all living organisms and is the carrier of genetic information.
8. `\_\_\_\_\_ diseases' are caused by microorganisms and transmitted from an infected person or animal to another person or animal (also called `communicable diseases').
9. The appearance of a particular disease in a very large number of people during the same period of time.
10. 'Genetic \_\_\_\_\_': the deliberate modification of an organism by manipulating its genetic material.
13. The use of chemical agents to treat or control disease or mental illness.
18. A part of an organism consisting of a group of connected cells having a similar structure and function, e.g. human/plant/brain/lung/muscle/fat \_\_\_\_\_.
19. `Cosmetic \_\_\_\_\_': any medical operation which is intended to improve a person's appearance rather than their health.
20. The complete set of genetic material of a human, animal, plant or other living thing.