

## Life sciences

Life science staff play a major role in the delivery of healthcare.?

Whether they are helping couples with IVF or supporting doctors and other healthcare professionals in the diagnosis and treatment of disease, they are a crucial part of the team. ?

Roles in the life sciences can be divided into three areas:

- pathology - investigating the causes of illness and how it progresses; carrying out tests on tissue, blood and other samples from patients. Pathology plays a crucial role in helping doctors choose the best type of treatment for patients, and monitoring its effectiveness
- genetics - understanding the genetic components of illnesses.
- reproductive science - a rapidly developing field, creating life and providing other solutions to infertility.



Healthcare science teams in life sciences work in:

- hospital laboratories - including clinical pathology laboratories and laboratories in specialist hospitals
- the community - including clinics

- organisations such as NHS Blood and Transplant [1], and Public Health England [2]
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**Source URL:** <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/life-sciences>

**Links**

[1] <http://www.nhsbt.nhs.uk/>

[2] <https://www.gov.uk/government/organisations/public-health-england>