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 [2], and Public Health England [3]

Source URL: https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/life-sciences

Links
[1] https://www.healthcareers.nhs.uk/glossary#Genetics