



# BIOMEDICAL SCIENTIST

INTERESTING SCIENCE JOBS IN THE  
NORTH EAST

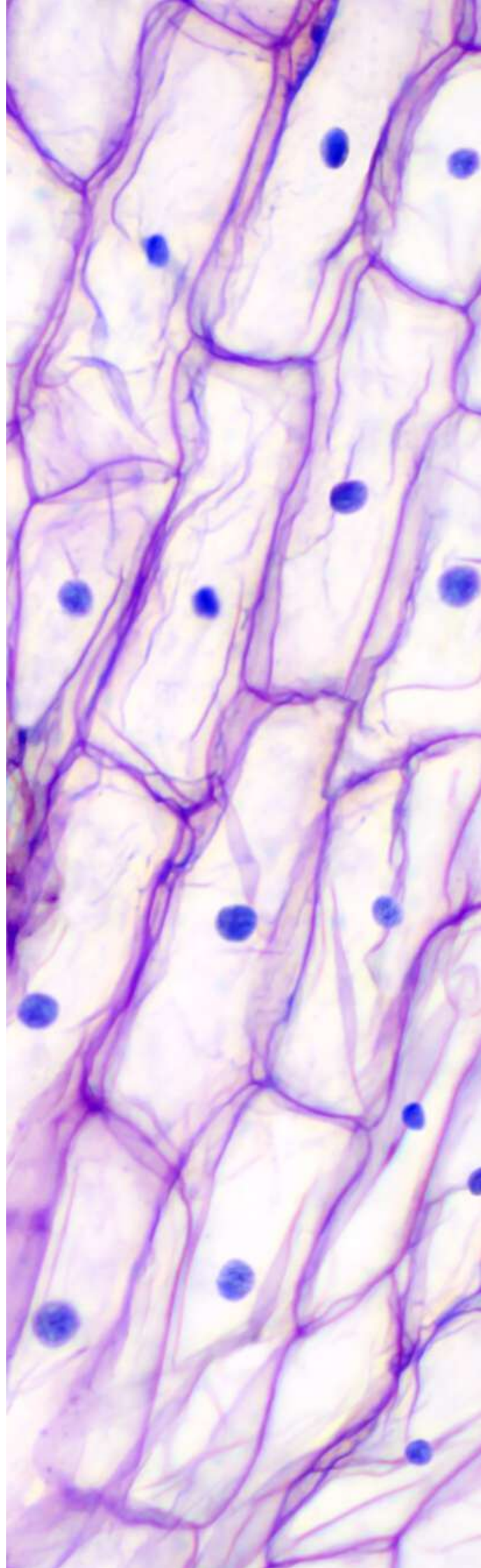
# BIOMEDICAL SCIENTIST

## OVERVIEW

Specifically trained in biology and work to improve the knowledge of the human body. They continue to investigate how the body works, functions and are continually investigating new ways to cure or treat diseases. Biomedical scientists usually specialise in one of four areas: infection sciences, blood, cell, genetics or molecular pathology. Tasks will vary in this role depending on which area you specialise in, but in all four areas, biomedical scientists typically spend a large amount of time in a laboratory performing analytical tests on a range of samples, maintaining and running specialist lab equipment and develop new methods to investigate samples.

## REGIONAL PRESENCE

There are so many companies in the North East who require biomedical scientists; the NHS is a huge employer for scientists, but also companies based in some of the UK's top research facilities like NETpark, and the Newcastle Helix are constantly hiring scientists. There are some phenomenal advancements taking place in the region! For example, The Centre for Life in Newcastle works largely with genetics and scientists there have developed some amazing techniques, and they continue to investigate some fascinating things!





## SKILLS REQUIRED

Here are just a few skills you'll need as a biomedical scientist:

### Good practical skills

You'll need to have good manual dexterity and be able to use a variety of equipment, so you should be comfortable working in a lab environment.

### Good computer literacy

You'll need to be competent using a computer and have some digital skills so you can use some of the equipment.

### Great attention to detail

A good eye for detail is needed as you'll need to accurately record the observations from your experiments. You will also need to be precise in setting up the equipment, so having a keen eye is key.

## EDUCATIONAL ROUTES

Once you have completed some science based A levels, you'll usually need to head to university to complete a BSc (Hons) in biomedical science. In order to work as a biomedical scientist, you need to register with the Health and Care professional Council (HCPC). To achieve this, the BSc you choose to complete at university needs to be accredited by the Institute of Biomedical Science (IBMS) or approved by the HCPC. You'll also need to complete a period of clinical lab training in an IBMS approved lab; when applying to university, some degrees will offer this lab training as part of the course, other will not and you'll need to arrange this yourself, so be sure to check this when applying! Universities like Teesside, Northumbria, Newcastle and Sunderland all offer accredited degrees in Biomedical sciences.

## FOR MORE INFORMATION

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