

Compare roles in health

Not sure where to start with the hundreds of NHS careers? Use our compare roles section to get bite-size information on the entry requirements and training, pay and conditions, prospects and skills needed of up to three roles. If there is something that you think you could do, then get more in-depth information on the role.

Don't forget, you can also save your role comparisons by registering with us.

- **Histocompatibility and immunogenetics** ^[1]

Histocompatibility and immunogenetics involves carrying out tests to support stem cell and organ transplantation.

Training and qualifications required

There are two entry points into histocompatibility and immunogenetics (1) through the NHS Scientist Training Programme for which you'll need a 1st or 2.1 either in an undergraduate honours degree or an integrated master's degree in a relevant pure or applied science. If you have a relevant 2.2 honours degree, you'll also be considered if you have a higher degree in a subject relevant to the specialism for which you are applying. Evidence of research experience is desirable or (2) after gaining considerable relevant experience as a clinical scientist through Higher Specialist Scientist Training (HSST) or postgraduate qualifications or both.

Expected working hours and salary range

NHS staff will usually work a standard 37.5 hours per week. They may work a shift pattern. Most jobs in the NHS are covered by the Agenda for Change (AfC) pay scales. If you work in histocompatibility and immunogenetics, your salary will typically be between AfC bands 6 and 9, depending on the role and level of responsibility. Trainee clinical scientists train at band 6 level, and qualified clinical scientists are generally appointed at band 7. With experience and further qualifications, including Higher Specialist Scientist Training, you could apply for posts up to band 9. Terms and conditions of service can vary for employers outside the NHS.

Desirable skills and values

An interest in science and technology, good communication skills, comfortable using modern technology and complex equipment, attention to detail and able to work as part of a team.

Prospects

With further training or experience or both, you may be able to develop your career further and apply for vacancies in areas such as further specialisation, management, research, or teaching.

Related roles

- [Biomedical science](#) ^[2]
- [Blood sciences](#) ^[3]
- [Cellular sciences](#) ^[4]
- [Knowledge and library services](#) ^[5]

• [Vascular science](#) ^[6]

Vascular science relates to how blood flows in the body.

Training and qualifications required

For the NHS Scientist Training Programme you'll need a 1st or 2.1 either in an undergraduate honours degree or an integrated master's degree in a relevant pure or applied science subject, such as physiology, pure or applied physics, engineering, biology or human biology or sports science (if there is significant scientific content). If you have a relevant 2.2 honours degree, you'll also be considered if you have a higher degree in a subject relevant to the specialism for which you are applying. Evidence of research experience is desirable. To apply for Higher Specialist Scientist Training (HSST), you'll need to be a registered and experienced clinical scientist.

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Desirable skills and values

Good verbal and written communication skills, an aptitude for science, an interest in physiology and medicine, confidence with technology, systems and processes, effective people skills, a willingness to take on a high level of responsibility and the ability to work in a team.

Prospects

With further training or experience or both, you may be able to develop your career further and apply for vacancies in areas such as further specialisation, management, research, or teaching. You could be involved in the further development of non-invasive procedures to assess blood flow, and in the development of advanced wound healing techniques and products.

Related roles

- [Blood sciences](#) ^[3]
- [Clinical perfusion science](#) ^[7]
- [Haematology \(healthcare scientist\)](#) ^[8]
- [Vascular surgery](#) ^[9]

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