Healtheare Science Career of the Week



Histocompatibility & Immunogenetics

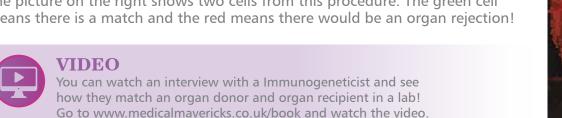
Area of HCS: Life Science Pay scale: £21k-£80k

AMAZING FACT | These guys would have featured in Eastenders when Dexter donated his kidney to his Dad, Sam.

These guys play a really important role in organ transplant teams. They are responsible for checking if an organ donor and recipient are a match, which is crucial for a successful organ transplant.

Their place of work is within a lab and they work with tissue and cell samples from both donors and recipients. To check if there is a match, they perform a mini transplant in a dish! They mix cell samples from both patients along with antibodies and chemicals from the immune system and see if there is a reaction.

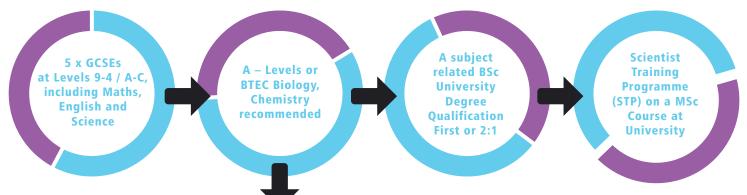
The picture on the right shows two cells from this procedure. The green cell means there is a match and the red means there would be an organ rejection!







What to do to get into this career...



Top Tip

Check out the range of courses at University that would be relevant for this career and then check what the entry requirements are for each of them for a more accurate picture.

Practitioner Training Programme on a **Healthcare Science** BSc degree in **Life Sciences**

Alternative courses to **Consider at University:**

Genetics **Biomedical Science Immunology Molecular Biology** Cell Biology **Physiology Biological Science**

Similar careers to look for in Life Sciences:

Biochemistry Pathology Haematology Clinical Immunology Toxicology Virology



WIN A STETHOSCOPE

Tweet, Vine or Tag us in a picture of you with this careers poster and win a stethoscope!

@MedicMavericks #scienceselfie



Check out MedicalMavericksTV on YouTube for loads of amazing videos on science and the body.