

Healthcare Science Career of the Week



Histocompatibility & Immunogenetics

Area of HCS: Life Science

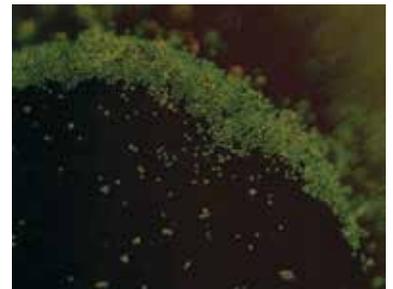
Pay scale: £21k-£80k

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.

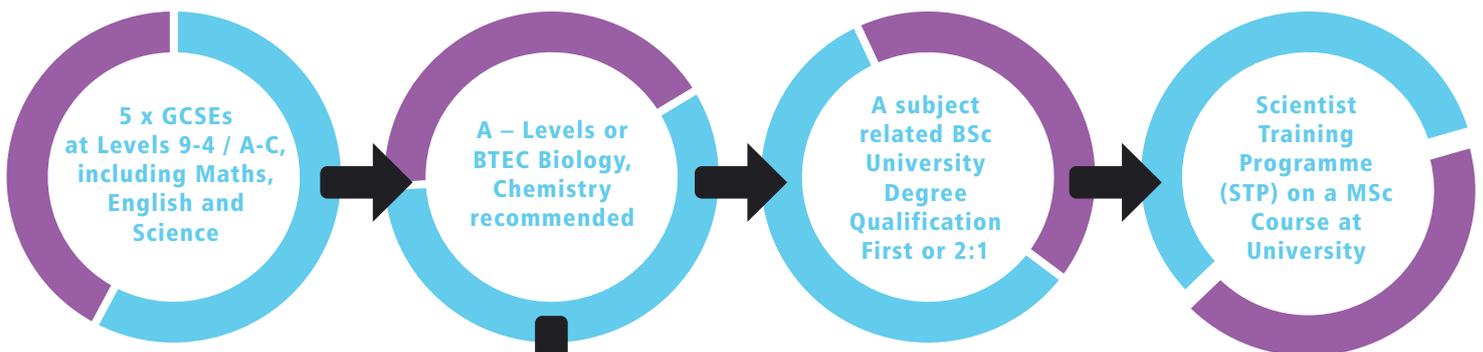
The picture on the right shows two cells from this procedure. The green cell means there is a match and the red means there would be an organ rejection!



VIDEO

You can watch an interview with a Immunogeneticist and see how they match an organ donor and organ recipient in a lab! Go to www.medicalmavericks.co.uk/book and watch the video.

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.



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



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