

Healthcare Science Career of the Week



Histocompatibility & Immunogenetics

Area of HCS: Life Science

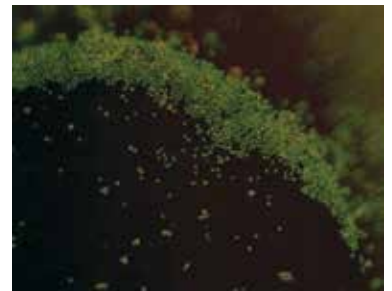
Pay scale: £21k-£80k

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.

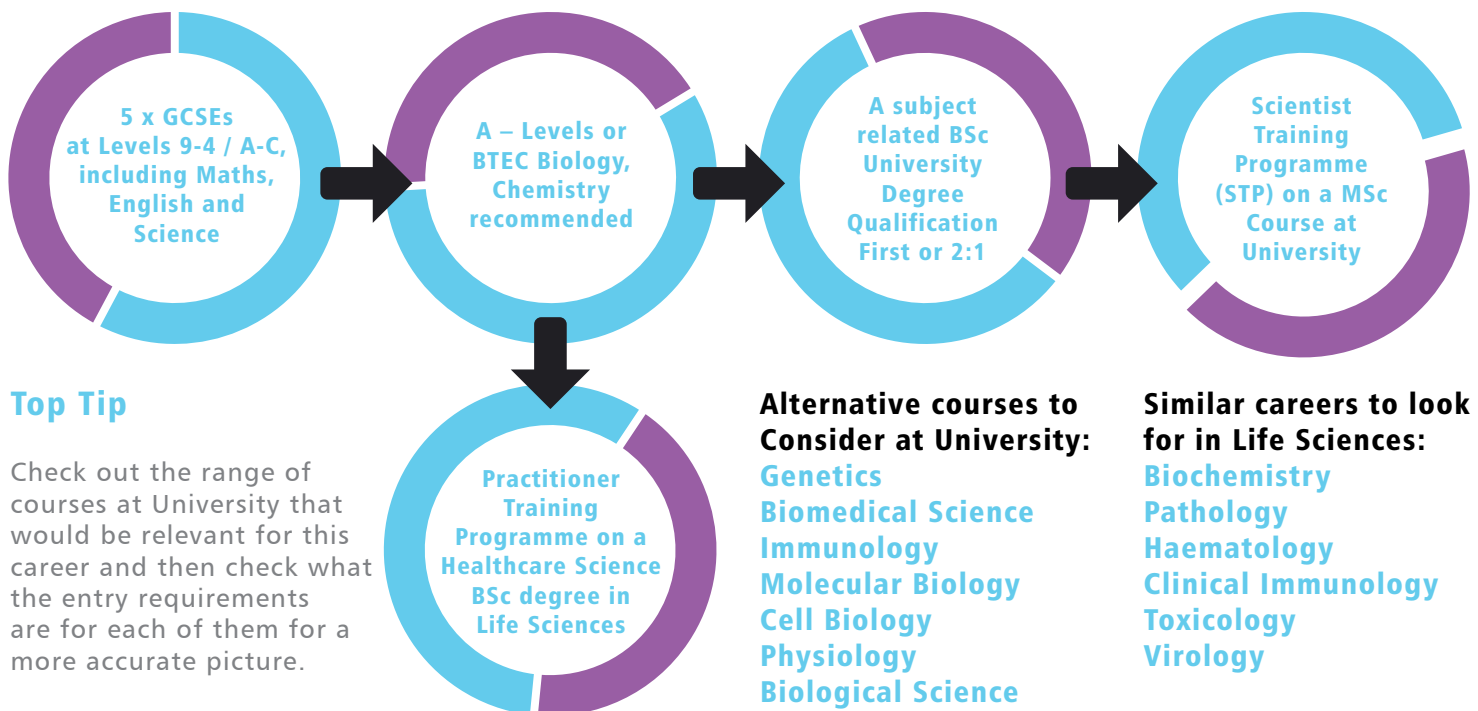
The picture on the right shows two cells from this procedure. The green cell means there is a match and the red means there would be an organ rejection!



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...



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.