GABBY BAKER

SCIENTIFIC OFFICE

CANCER RESEARCH

"I really like my specific area of research. Recently viruses have got a bad reputation, but we use them to specifically infect and kill cancer cells. This is a new type of therapy so we are constantly learning more about how viruses work and interact with cancer."

Academic profile

Degree

BSc Biomedical Science

Post grad

MA Advanced Microbiology and immunology

Qualification/achievement you are most proud of

My masters degree.

Subjects you enjoyed at school

Biology and History

Career Summary

I have always been really interested in the natural world and how our bodies work, so I enjoyed biology at school. I then went to study Biology, Chemistry and history at A level. I knew I wanted to study biology at university, so I picked Biomedical science as my bachelors as it was a very broad degree that covered many different topics about how our bodies work and what happens when things go wrong. My favourite subject during my BSc was microbiology, which is the study of bacteria, viruses, fungi and parasites. I then went on to do masters in microbiology and immunology which focused on how our bodies react to pathogens. This led me into my current job, as I work with viruses and look at how the immune system responds to them in the context of cancer.

What inspired you?

When I was younger I wanted to be a zoologist, so work with animals. However learning about the human body in more depth at A level, made me more interested about how we work and what happens to us when we get sick whether that be from cancer or infectious disease.

Describe your job

Did you know .....

5% of the human genome is made up of DNA left over from ancient viruses.

Watch the video:

Top tip

Not to be so hard on myself, Sometimes things don't work out the way you think they will, but at the end of the day if you are passionate about a certain career you will get there, you might just take a different path.

Best thing about my job

Doing public outreach, trying to engage with people about my research. Encouraging young people from all backgrounds to become excited about science and research.

Find out more

- ttps://www.linkedin.com/in/gabriella-baker-2483a512a/