



GSK Biostatistics



Vaccines Statistics

What do we do?

After access to clean water, vaccination has a bigger positive impact on human health than any other medical intervention and COVID-19 has brought the relevance and importance of our work to a global audience. Being able to prevent and not just treat disease is brilliant, but vaccination involves dosing millions of healthy people, so it is especially important that our vaccines are safe as well as efficacious.

This requires running complex, multi-year clinical and epidemiological studies that include thousands of participants. Our team provides the rigorous and sophisticated statistical bedrock to this. Input from biostatistics is vital to GSK’s study designs, regulatory strategies, development plans and protocols. Our innovative statistical methodologies are also critical in driving quantitative decision-making across all development projects.

How do we do it?

At every stage of the clinical development of a vaccine - from very early human research trials, to managing the lifecycle of products that have been used for decades - we help teams manage risks, foresee issues and improve their work’s probability of success.

Working as a diverse, multinational team spread across Europe, US and India, we provide end-to-end support across the Vaccines R&D portfolio, collaborating closely with other internal functions such as clinical, data management, science writing, regulatory and data science, but also with external partners. Those partnerships, within and beyond GSK, hinge on effective communication. We pride ourselves on being able to advocate and explain complex statistical methods and messages.

What can we offer you?

We can offer you a great job at an exceptional time. New and disruptive technologies are revolutionizing both the vaccines industry and the field of biostatistics. Alongside that you will have the chance to grow your technical and professional capabilities in culture of innovation, performance and trust.



Vaccination prevents 2-3 million deaths every year, but there are so many more diseases which we want to prevent. Do you like to have fun? Do you want to make a real difference to the lives of millions of people across the world? Are you ready to operate at the forefront of statistical innovation and help GSK make better decisions? If so, please give us a try!”

Uwe Nicolay
VP, Vaccines Statistics