

Teresa Lambe, Associate Professor, University of Oxford



Covid-19 vaccine work

On the 11th of January 2020, the genetic sequence encoding the SARS-CoV-2 virus was released by researchers in China. Later that day, Associate Professor Lambe began designing the vaccine currently being used in large scale vaccination schemes.

Once designed, Professor Lambe then spearheaded the preclinical studies needed to progress the vaccine into the clinic. This work, was critical in gaining the approvals needed to start clinical testing on the 23rd of April 2020. In just 104 days, Associate Professor Lambe and her team had gone from a genetic code to a vaccine that had been administered in clinic, an unprecedented achievement.

In the months following the design and initial production of the vaccine, Professor Lambe has planned and delivered the studies needed to examine if the vaccine induces antibody responses. This work was critical to facilitate trial progression and importantly demonstrates the 'Oxford' vaccine induces the right kind of immune response in humans.

Teresa Lambe is originally from Kilcullen and attended CPC secondary school, where she loved Art, Biology and Maths classes.