

# Modulating Immunity 2021 (MED6006)

All synchronous (live) sessions are to be held via Blackboard collaborate.

Other sessions are asynchronous (prerecorded) and available on Blackboard. The scheduled time to watch this material is given as in the morning or afternoon. The synchronous sessions will assume the preceding prerecorded material has been watched.

<b>Wednesday 10<sup>th</sup> February 2021</b>	
Synchronous - Introduction to the module – assignment (Helen Marriott)	10:00-10:30
<b><u>Basics of the immune response</u></b> A brief overview of the immune system (Helen Marriott) Innate immunity /T cells (Helen Marriott) Adaptive immunity (Sarah Rowland-Jones)	Morning/ afternoon
<b><u>Signaling in the immune response</u></b> Pattern-recognition receptors (Helen Marriott) Cytokine networks (Helen Marriott)	Afternoon
<b>Thursday 11<sup>th</sup> February 2021</b>	
<b><u>Basics of Vaccination</u></b> Classical vaccination strategies (Sarah Rowland-Jones) Novel ideas in vaccination (Helen Marriott)	Morning
Synchronous - Techniques in Immunology (Helen Marriott)	14:00-15:30
<b>Friday 12<sup>th</sup> February 2021</b>	
<b><u>Antibody Technology</u></b> Classical Antibody technology (Jon Sayers) Engineering antibodies for human therapy (Jon Sayers)	Morning
Synchronous - Flow cytometry: interpreting data (Helen Marriott)	14:00-15:30
<b>Monday 15<sup>th</sup> February 2021</b>	
<b><u>Immunity and COVID-19</u></b> Aging and the immune response (Helen Marriott) Pathogenesis of severe COVID-19 (Helen Marriott)	Morning
Synchronous - Tutorial 1 (Helen Marriott)	14:00-15:30
<b>Tuesday 16<sup>th</sup> February 2021</b>	
Immune regulating therapies in COVID-19 (Helen Marriott) COVID 19 vaccines (Helen Marriott)	Morning
Synchronous - Tutorial 2 (Helen Marriott)	14:00-15:30
Synchronous - Q&A relating to the assignment (Helen Marriott)	15:30-16:00
Assignment Hand In – Blackboard 23 <sup>rd</sup> February 2021 at 16:00	