**MICR464: Medical Microbiology and Immunology (Semester I)**

Convenor: Dr James Ussher Course outline: The immune response is important in protecting the host from infection and cancer.  This paper will analyse the interaction between the host immune system, microorganisms, and neoplasia. In particular it will examine the challenge faced by the host, the host’s response to infection and cancer, and how we can harness the power of the immune response for treatment and prevention of infectious diseases and cancer.

Tutorials start Wednesday 8th March

8.30am Room 208. Other than the Introduction, each module is a 2 week block

|  |  |  |
| --- | --- | --- |
| **DATE** | **TOPIC** | **TUTOR** |
| **Introduction** | **Introductory Session** | **James Ussher** |
| March 8 |  |  |
| **Module 1** | **Vaccines For Malaria** | **Bruce Russell** |
| March 15, 22 |  |  |
| **Module 2** | **Designing new chimeric antigen receptor (CAR) T cell strategies to destroy cancer** | **Alex McLellan** |
| March 29, April 5 |  |  |
| **Module 3** | **Innate lymphoid cells** | **Jo Kirman** |
| April 12, April 26 |  |  |
| **Module 4** | **Gut Microbiome** | **Blair Lawley** |
| May 3, 10 |  |  |
| **Module 5** | **Innate-like T cells** | **James Ussher** |
| May 17, 24 |  |  |

Oral exam: 31st May