UCT Advanced Immunology

- A Snapshot of the Immune System
- Ontogeny of the Immune System
- The Innate Immune System
- MHC & Antigen Presentation
- Overview of T Cell Subsets
- Thymic T Cell Development
- B Cell Activation and Plasma Cell Differentiation
- Antibody Structure and Classes
- <u>Central and Peripheral Tolerance</u>
- Immune Escape
- Immunity to Viral Infections
- Immunity to TB
- Immunity to Helminth Infections
- Introduction to Immunization Strategies
- Immune Responses to Vaccination
- Infant Immunity and Vaccines
- Breaking Tolerance: Autoimmunity & Dysregulation
- Primary Immunodeficiencies
- Genetics, Epigenetics and immunoregulation
- Immunity to Fungal Infections
- Regulation of Immunity & the Microbiome
- Flow Cytometry