MAI LAN KUNZY SCHOLARSHIP
Research Leaders and Fields of Research

Dr Antje Blumenthal
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Fields of Research:

- Immune control mechanisms in tuberculosis
- Regulators of inflammation in acute and chronic infection
- Cellular biology of host-pathogen interactions
- Macrophage functions in infection and inflammation
- Novel anti-microbials against tuberculosis

Professor Ian Frazer
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Field of Research:

- Cancer Immunotherapy

Associate Professor Lutz Krause
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Fields of Research:

- Comparative and evolutionary genomics of human parasites – identifying parasite specific genes, drug and vaccine targets
- Biomarker discovery for disease onset, progression and personalised treatment
- Epigenome-wide association studies
- Role of the gut microbiota in health and disease
- Cancer whole-genome sequencing

Dr Emma Hamilton-Williams
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Fields of Research:

- The gut microbiome in type 1 diabetes
- Genetic regulation of type 1 diabetes

Dr Michelle Hill
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Fields of Research:

- Cancer biomarker discovery and development
- Exosomes and microvesicles in cancer progression
- Cholesterol-rich membranes in cancer progression

Dr Roberta Mazzieri
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Fields of Research:

- Breast cancer
- Tumour microenvironment
- Tumour angiogenesis
- Tumour immunology
- Tumour associated macrophages
- Anti-tumour gene therapy

A/Prof Ray Steptoe
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Fields of Research:

- Defining mechanisms CD8+ T cell tolerance
- Gene therapy for type 1 diabetes
- Immunotherapy for allergic asthma
- Inactivation of T cells by B lymphoma