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

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**Fields of Research:**
- The gut microbiome in type 1 diabetes
- Genetic regulation of type 1 diabetes
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Fields of Research:  
- Cancer biomarker discovery and development  
- Exosomes and microvesicles in cancer progression  
- Cholesterol-rich membranes in cancer progression

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Fields of Research:  
- Breast cancer  
- Tumour microenvironment  
- Tumour angiogenesis  
- Tumour immunology  
- Tumour associated macrophages  
- Anti-tumour gene therapy