

Infection and Immunity Research



Discovering new ways to fight infectious diseases

Killing more than one million people annually, infectious diseases remain one of the world's greatest health challenges of our time.

Internationally-renowned researchers from the Infection and Immunity Group at Menzies Health Institute Queensland, Griffith University are seeking new treatments and approaches to combat a number of diseases that critically impact human health and wellbeing.

Led by Professor Glen Ulett, the team investigates infectious bacteria and viruses that cause streptococcal infections, urinary tract infections, deadly infections in babies, and infectious causes of cancer, as well as microbes associated with gut and oral health problems.

Knowledge gained from these investigations forms the basis of translational strategies aimed at developing new treatment and preventative approaches for infectious and chronic diseases.

Research into infectious diseases is vital in the era of rising antibiotic resistance and advances our knowledge base as a way to help reduce the rate of suffering and mortality worldwide.

With your support, we can continue the fight against infectious diseases. Please donate today.

In an age of rising antibiotic resistance, there is an urgent need to uncover novel approaches that target life-threatening infections and improve our immune system responses to infection.

Accounting for more than one in eight deaths globally, infectious diseases are a major health concern of the 21st Century.

Professor Glen Ulett from the Infection and Immunity Group is leading the fight against infectious diseases through discovery, education and translation.

His research aims to address the burden of infectious agents and how they develop into deadly and chronic human infectious diseases.

"On a global scale, some 15 million deaths annually are caused by pathogenic bacteria, viruses and other parasitic microorganisms that infect humans," says Professor Glen Ulett, microbiologist and researcher at the Menzies Health Institute Queensland.

"We investigate how the body fights infection and how dysfunction in immune responses to these pathogenic microbes can manifest as serious and sometimes life-threatening infection.

With new discoveries, we can develop and grow untested strategies, including new therapies designed to prevent, manage or eradicate infectious diseases that cause death worldwide."

Together we have made a number of significant advancements in the fight against infectious diseases, however donor support is essential to continue this research.

Your generosity can help fight infection and improve health solutions across the globe.

For more information on supporting this research, contact:

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'Our goal is to better understand and control infectious agents that cause significant death and disease worldwide.'

– Professor Glen Ulett

