



**Thursday, 27 July 2023**

**Melbourne: 3-4pm AEST (UTC+10)**

Zoom Webinar

**Meeting ID: 619 7690 1161**

**Passcode: 778295**

## Why do we need a new tuberculosis vaccine?

Tuberculosis (TB) is one of the world's leading infectious killers. Although it is curable, drug-resistant TB is a growing problem. However, millions of infected people are either not diagnosed or not treated, putting them at risk of dying and/or infecting others. While the BCG vaccine is effective in preventing severe forms of TB in young children, it does not adequately protect adults and adolescents, who account for most transmission. In this webinar we will hear more about why we need to develop a new vaccine, the limitations of the current vaccine and what new vaccines are on the horizon and the challenges associated with their development.

Join us online for this free event, everyone is welcome! Contact [asiapacific.health@mcri.edu.au](mailto:asiapacific.health@mcri.edu.au) with any questions.

### Co-Chairs:

#### Professor Steve Graham

Group Leader, International Child Health, Murdoch Children's Research Institute  
Professor of International Child Health, Department of Paediatrics, The University of Melbourne

#### Professor Fiona Russell

Group Leader, Asia-Pacific Health, Murdoch Children's Research Institute  
Director, Child and Adolescent Health PhD Program, Department of Paediatrics, The University of Melbourne

### Burden of tuberculosis and multidrug resistant tuberculosis

#### Dr Trisasi Lestari

Researcher and Lecturer, Center for Tropical Medicine, Universitas Gadjah Mada  
Research Consultant, Menzies School of Health Research



### Limitations of BCG vaccine and challenges of developing a new vaccine

#### Professor Nigel Curtis

Group Leader, Infectious Diseases, Murdoch Children's Research Institute  
Head, Infectious Diseases, The Royal Children's Hospital Melbourne



### What new vaccines are on the horizon?

#### Professor Jamie Triccas

Professor of Medical Microbiology and Theme Leader, Immunity and Inflammation, School of Medical Sciences, The University of Sydney



### About the Asia-Pacific Vaccine Research Network

The Murdoch Children's Research Institute has been awarded an Australian Awards Fellowship grant by the Department of Foreign Affairs and Trade to establish this network. The network includes vaccinology researchers, clinicians and Ministry of Health personnel from across seven countries in the region.