



women & infants
research foundation

Media release

WIRF's World Top 2% Scientist success

Tuesday, 10 January 2023

Stanford University researchers have recently published an update of their review of the top 2% most widely cited scientists in different disciplines, with WIRF's Acting Chief Scientist, Professor Matt Kemp making the highly prestigious list.

This ranking is based on the bibliometric information contained in the Scopus database and includes more than 200,000 researchers from the more than 8 million scientists considered to be active worldwide, with 22 scientific fields and 176 subfields taken into account.

In addition to acting as WIRF's Chief Scientist, Professor Kemp is an Associate Professor at the National University of Singapore, and holds a number of international appointments, including Adjunct Professorships at the University of Western Australia and Murdoch University, and an Honorary Associate Professorship at Tohoku University Hospital in Sendai, Japan.

Professor Kemp's research interests in perinatology are focused on improving outcomes for preterm infants, and include anti-inflammatory and antibiotic therapies, antenatal steroid treatment optimisation, minimally invasive fetal diagnostics, and the development of an artificial uterine life support platform for extremely preterm infants.

His work has received significant international attention and has attracted more than \$10 million in funding from a range of national and international agencies.

His 2018, NHMRC Artificial Placenta funding application was the highest scoring Project Grant awarded in Western Australia in over a decade and ranked among the top three scoring Project Grants in the country that year.

He has published more than 130 peer-reviewed papers and scientific reports. His work has significantly advanced our understanding of fetal responses to infection, inflammation and exogenous glucocorticoids.

Working with collaborators in Japan, Professor Kemp's studies with the artificial uterine life support platform for extremely preterm infants have generated national and international interest and are presently in an advanced phase of preclinical development.

The database of top-cited scientists provides standardised information on citations, h-index, co-authorship adjusted hm-index, citations to papers in different authorship positions and a composite indicator (c-score).

The full paper and the full datasets can be [viewed here](#)

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Media opportunity: WIRF Acting Chief Scientist, [Professor Matt Kemp](#), is available for follow-up media comment.



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Background:

The Women and Infants Research Foundation

The Women & Infants Research Foundation is one of Australia's leading medical research institutes dedicated to improving the health of women and infants. We focus our research and programs across four principal areas: the prevention of preterm birth, gynaecological cancers, women's mental health, and the development of an Artificial Womb. Our research and programs have directly contributed to a number of improved clinical practices and health outcomes.