



WITS RESEARCH INSTITUTE FOR MALARIA RESEARCH DAY

Professor Nolan, the Chair of Functional Genetics at the Liverpool School of Tropical Medicine, UK, will deliver the plenary talk at the 2024 Biennial WRIM Postgraduate Research Day.



**Professor Tony
Nolan**



<https://shorturl.at/csyFU>

CONTROLLING MOSQUITO POPULATIONS GENETICALLY

“Control of the mosquito vector of malaria has always been our most effective weapon in reducing the burden of this disease. However, alternative control methods are needed. One such method is genetic control – the deliberate release of insects carrying altered genetic traits into a population in order to affect its potential to transmit. Join us in finding out how we have developed gene drives in the laboratory that are designed to spread in a population and cause its suppression by interfering with female fertility, how these are tested and address some of the challenges they present. Along the way we have developed a range of functional genetics tools that are shedding light on the genetic determinants of what makes the mosquito a good vector.”

**Join us online at 15:30 SA time on the
24th April 2024 to learn more on these
exciting advances.**

**ACCELERATING THE FIGHT AGAINST
MALARIA FOR A MORE EQUITABLE WORLD**