Dr John Schjenken is a Reproductive Biologist with primary research interests focused on expanding our understanding of male factors that contribute to infertility and the development of disorders of pregnancy. Dr Schjenken's research has utilized multiomic approaches, combining transcriptomics, proteomics and bioinformatics to expand knowledge on male and female reproductive physiology. He has led key projects which have identified and characterized paternal and maternal factors that exert influence on the conception environment and facilitate reproductive success. Recognized internationally as a leader in semen biology, Dr Schjenken is ranked 9th worldwide of all experts by Expertscape (top 0.02%) and the highest ranked emerging leader in the field. Evolving from productive collaborations with his mentors, Prof Brett Nixon (University of Newcastle, Australia) and Prof Sarah Robertson (University of Adelaide, Australia), he now leads his own independent research program based at the Priority Research Centre for Reproductive Science, University of Newcastle, where he collaborates extensively with his mentorship team. This program is focused on defining key events at conception, with particular emphasis on investigating the composition and function of the male ejaculate (seminal fluid) which has substantial influence on reproductive success. Seminal fluid achieves this through signaling to the female reproductive tract to establish a uterine environment that is optimally prepared to accommodate the embryo, including regulation of implantation and placentation. The success of his research program and increasing career trajectory is evidenced by his impact relative to opportunity with 35 total publications (11 first, 5 senior author publications, 17 published since 2018), a total of 1,233 citations (993 in past 5 years; h-index = 16), and 5 international and 7 national invited conference symposia presentations. His research has been underpinned by successful competitive grant applications totaling $880,000.