



EMERITUS PROFESSOR ROBERT SINDEN

Faculty of Natural Sciences, Department of Life Sciences

Senior Research Investigator

SUMMARY

Bob's expertise and research focus lies within the field of parasite cell and molecular biology, as well as proteomics and population dynamics of malaria transmission. His research has an overall focus on discovery and characterisation of transmission-blocking vaccine candidates.

PUBLICATIONS

Mizutani M, Iyori M, Blagborough AM, [et al.](#), 2014, Baculovirus-Vectored Multistage Plasmodium vivax Vaccine Induces Both Protective and Transmission-blocking Immunities against Transgenic Rodent Malaria Parasites., *Infect Immun*

[DOI](#) [Author Web Link](#)

Marques SR, Ramakrishnan C, Carzaniga R, [et al.](#), 2014, An essential role of the basal body protein SAS-6 in Plasmodium male gamete development and malaria transmission., *Cellular Microbiology*, ISSN:1462-5814, Pages:-

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Kan A, Tan Y-H, Angrisano F, [et al.](#), 2014, Quantitative analysis of Plasmodium ookinete motion in three dimensions suggests a critical role for cell shape in the biomechanics of malaria parasite gliding motility, *Cellular Microbiology*, Vol:16, ISSN:1462-5814, Pages:734-750

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Ewer KJ, O'Hara GA, Duncan CJA, [et al.](#), 2013, Protective CD8 (+) T-cell immunity to human malaria induced by chimpanzee adenovirus-MVA immunisation, *Nature Communications*, Vol:4, ISSN:2041-1723

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Churcher T, Basanez M-G, Blagborough A, [et al.](#), 2013, IS PARASITE DENSITY IMPORTANT IN MALARIA TRANSMISSION?, *Pathogens and Global Health*, Vol:107, ISSN:2047-7724, Pages:450-451

[Author Web Link](#)

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Main campus address:

Imperial College London, South Kensington Campus, London SW7 2AZ, tel: +44 (0)20 7589 5111

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CONTACT

+44 (0)20 7594 5425

[Email](#)

[Website](#)

LOCATION

6165
Sir Alexander Fleming Building
South Kensington Campus