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ASTMH 2018

28 October-1 November 2018 • New Orleans, USA

Human infection studies: Experiences and opportunities from LMICs

EDCTP-Wellcome Trust symposium

1 November 2018 | 08:00-09:45 | Session 169

Marriot New Orleans, room Mardi Gras EFGH (3rd floor)



Photo:
Participants visit the laboratory at KEMRI, Kenya

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The symposium focuses on the conduct of controlled Human Infection Studies in low- and middle-income countries (LMIC). Controlled human infection studies, or challenge studies contribute to the understanding of pathogenesis and immunogenicity, especially in the absence of suitable animal models. In addition, they have contributed to the development of new drugs and vaccines, including the recently licensed cholera vaccine Vaxchora®.

Speakers will share the practical experiences of researchers and summarize how they have managed the scientific, ethical and regulatory challenges. Human challenge models for dengue, malaria and pneumococcal disease will be presented.

Agenda

Symposium organiser

Pauline Beattie, EDCTP, The Netherlands

Co-Chair

Mike Turner, Wellcome Trust, United Kingdom

08:00-08:20 **Experimental human pneumococcal carriage – a comparison of risks, regulation and discovery opportunities in the UK and Malawi**
Stephen Gordon, The Malawi Liverpool Wellcome Trust Clinical Research Programme, Queen Elizabeth Central Hospital, Blantyre, Malawi

08:20-08:40 **Controlled human malaria infections in Africa: maximizing the impact of studies**
Bernhards Ogutu, KEMRI, Nairobi, Kenya

08:40-09:00 **Establishing controlled human dengue infections: balancing risks and benefits**
Bridget Wills, Oxford University Clinical Research Unit, Hospital for Tropical Diseases, Ho Chi Minh City, Viet Nam

09:00-09:45 **Social and ethical aspects of controlled human infections in low and middle-income countries**
Dorcas Kamuya, KEMRI-Wellcome Trust Research Programme, Kilifi, Kenya



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