





# Director's Welcome

Welcome to the Liverpool School of Tropical Medicine. As the first institution in the world dedicated to tropical diseases, LSTM has been leading the field in innovative research and teaching excellence since its foundation in 1898.



Our collaborative approach in over 70 countries allows us to fulfil our mission of improving the health of the world's poorest people, using a multi-disciplinary approach to translate cutting edge research and scientific innovation from our laboratories to the people who will benefit most.

Born out of industry, LSTM attracts talented researchers and students from around the world. With a research portfolio in excess of £210 million, LSTM has created and sustained a reputation for scientific excellence and continues to offer unrivalled learning opportunities to post-graduate students from around 65 countries, who study both in the UK and across the developing world.

I hope that you enjoy finding out more about LSTM and how the work that we do helps to break the cycle of poor health and poverty that prevent communities to thrive.

**Professor Janet Hemingway CBE**  
**FRS DSc PhD BSc FMedSci FRCP FRES (Hon) FAAM**

## Our six main research themes:

**Malaria & other vector borne diseases**

**Neglected tropical diseases**

**Applied health**

**Maternal, newborn & child health**

**Resistance research & management**

**Lung health & tuberculosis**

## Highlights

- LSTM attracts over £250,000 of Research Grant funding per staff Full-Time Equivalent (FTE), nearly double that of the nearest comparable research institution
- Diverse range of learning opportunities from short course professional diplomas to Masters and PhD programmes
- Special focus on evidence synthesis, health systems development and capacity strengthening
- An interdisciplinary approach to understand and tackle the issue of drug and insecticide resistance
- At the forefront of the study in and control of Neglected Tropical Diseases
- Genetic approaches to examine vector biology for the control of tropical diseases
- Multi-disciplinary collaborations to prevent and manage communicable and non-communicable lung conditions
- Addressing inequity in the availability and quality of maternal and newborn care

## Facilities

- The Research Centre for Drugs and Diagnostics (RCDD) – a multi-disciplinary group of experts working to develop new drugs and diagnostics against a range of pathogens working with industry, academia and NGOs
- Liverpool Life Sciences Accelerator – a £25 million laboratory development with access to Category three laboratories, in partnership with the Royal Liverpool and Broadgreen University Hospitals NHS Trust
- The Centre for Tropical and Infectious Diseases – a £23 million state-of-the-art facility for developing new drugs, diagnostics and vaccines
- The Clinical Diagnostic Parasitology Laboratory – A CPA accredited laboratory that offers a referral service for the identification of a wide range of human parasites from clinical samples from NHS, PHE and private laboratories and hospitals in the UK and overseas
- Well Travelled Clinics – a for-profit travel health service, providing pre-travel advice and post-travel consultations. Profits from the Liverpool and Chester based clinics are reinvested into research and development within LSTM
- Liverpool Insect Testing Establishment (LITE) – LITE carries out WHO approved or client designed bioassays to assess insecticide efficacy, with multiple strains of susceptible and resistant mosquitoes
- Well-equipped, modern teaching and research facilities both in house and online