

SPEAKER'S BIO

Professor George F. Gao

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Professor George F. Gao obtained his DPhil degree from Oxford University and did his postdoc work in both Oxford University and Harvard University (with a brief stay in Calgary University). With research interests on enveloped viruses and molecular immunology, his research focuses on the enveloped virus entry and release, especially influenza virus interspecies transmission (host jump), structure-based drug-design and structural immunology. He is also interested in virus ecology, especially the relationship between influenza virus and migratory birds or live poultry markets and the bat-derived virus ecology and molecular biology.

Professor Gao has published more than 500 refereed papers including papers in *Cell, Nature, Science, Lancet, New England Journal of Medicine, PNAS*; 11 books/book chapters and holds more than 25 UK, US and Chinese patents. His research has recently expanded on public health policy and global health strategy. He led the China CDC's Mobile Laboratory Testing team in the fight against the Ebola outbreak in Sierra Leone in 2014. As a leading advocate of global public health strategy, he is instrumental in establishing an Africa-based centre for pathogens and tropical diseases and has made significant contributions to strengthening public health capacity in developing countries in Africa and to global public health at large.