

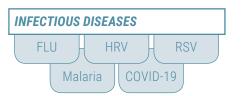
INDUSTRY LEADING PROVIDER OF VIRAL CHALLENGE STUDIES

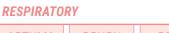
CHALLENGE STUDIES

Provide early human proof-of-concept efficacy data to support drug and vaccine candidate selection Support accelerated development of pipeline compounds, through early identification of the appropriate endpoints, dose response and timing and biomarkers for incorporation in later clinical studies

Reduced costs as the model requires a relatively small number of subjects investigated over a shorter period of time to deliver an efficacy outcome

OUR CHALLENGE MODELS





COPD

LABORATORY OFFERING

LAB SERVICES

irology Immunology Bioma

HVIVO HUMAN CHALLENGE FULL-SERVICE SOLUTION

Unparalleled experience in the design, conduct and analysis of human models of disease



Study design & protocol development



Recruitment



Monitoring



Ethics & regulatory submission



Pharmacy



Data management and biostatistics



Laboratory support



Biomarker development



Clinical Study report



Clinical Trial: Inpatient or outpatient

STANDARDISED STUDY PROCESS 'Committed to delivering study excellence'



Protocol design

- Study management process
- Services deliver quality results
- Meeting client needs and timelines
- Trials conducted using controlled settings and processes



Screening & recruitment

 Recruitment of volunteers in the UK using the 'FluCamp' brand



Quarantine

 Bespoke quarantine unit in Whitechapel, London for conducting challenge studies: 24 en-suite rooms



Viral challenge

- Well characterised challenge
- Exact exposure time to virus



Intensive sample collections

- Virology
- Immunology
- Biomarkers



and follow upImmunugenicity

- Seroconversion
- Standard 28 days can be up to 1 year



For more information contact: BD@hvivo.com