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## ABBREVIATIONS

CFD	: Computational Fluid Dynamic
DENV	: Dengue virus
DHF	: Dengue Haemorrhagic Fever
DSS	: Dengue Shock Syndrome
ECs	: Endothelial cells
ELISA	: Enzym linked immunosorbent assay
HUVEC	: Human Umbilical Vein Endothelial Cells
IL	: Interleukin
m.o.i	: multiplicity of infection
PPFC	: Parallel plate flow chamber
RL	: Ringer's Lactate
RT-PCR	: Reverse transcriptase-polymerase chain reaction
TEER	: Transendothelial electrical resistance
TNF	: Tumor necrosis factor
WSS	: Wall Shear Stress
VCAM	: Vascular cell adhesion molecule