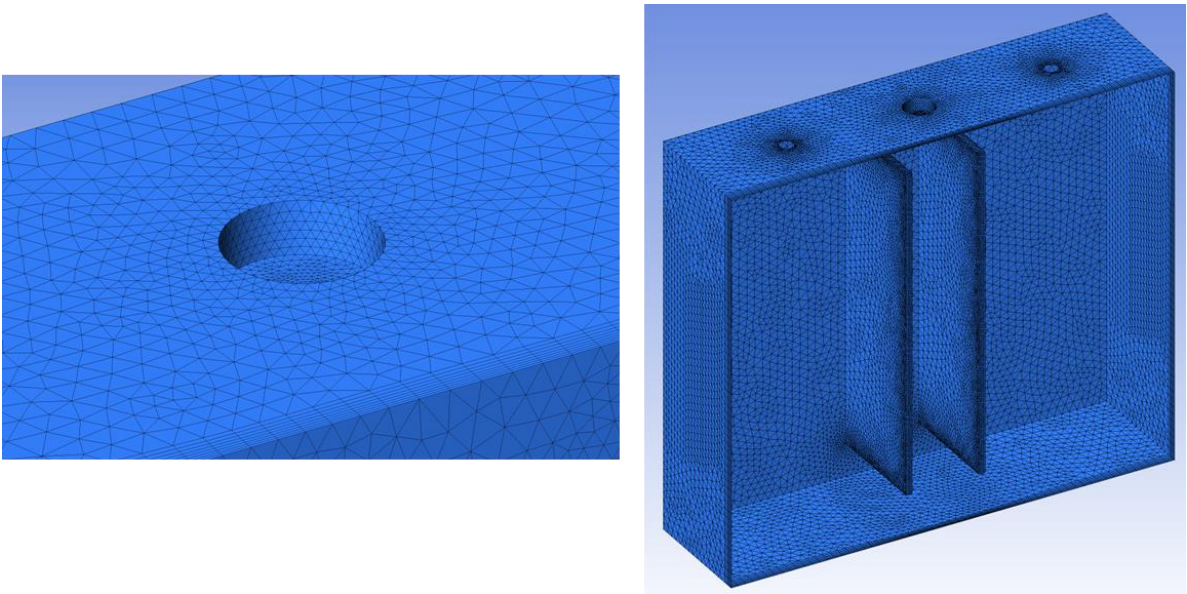
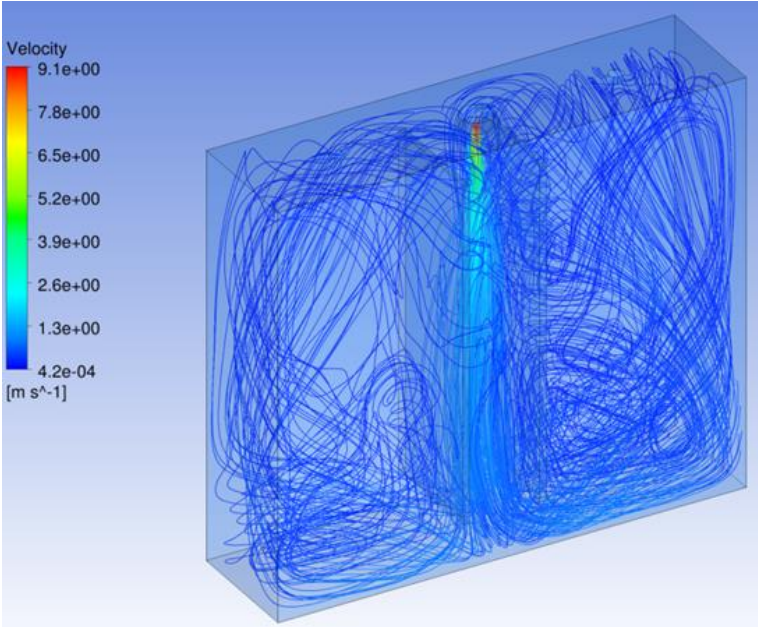


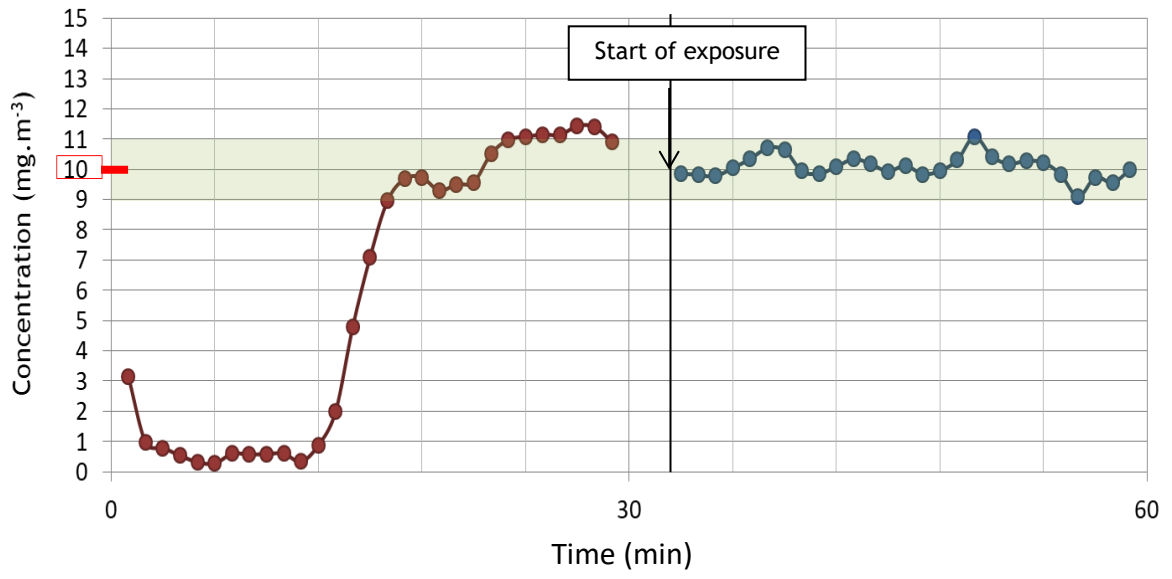
**SUPPLEMENTARY FIGURES**



**Figure S1.** Inhalation chamber mesh



**Figure S2.** CFD simulations results of the velocity streamlines



**Figure S3.** APS aerosol mass concentration monitoring