



Figure A1. Panel A: Mercury lamp and stir plate. Panel B: Inactivation experimental set-up with flask placed in front of 8 watt, 254 nm low pressure mercury lamp (the flask and lamp are covered). Panel C: PAC was used for each experiment. Panel D: Adsorption experimental set-up with PAC. Panel E: SKC Biosampler used during bioaerosol experiments. Panel F: Glass bead column used for air filtration during bioaerosol experiments.