

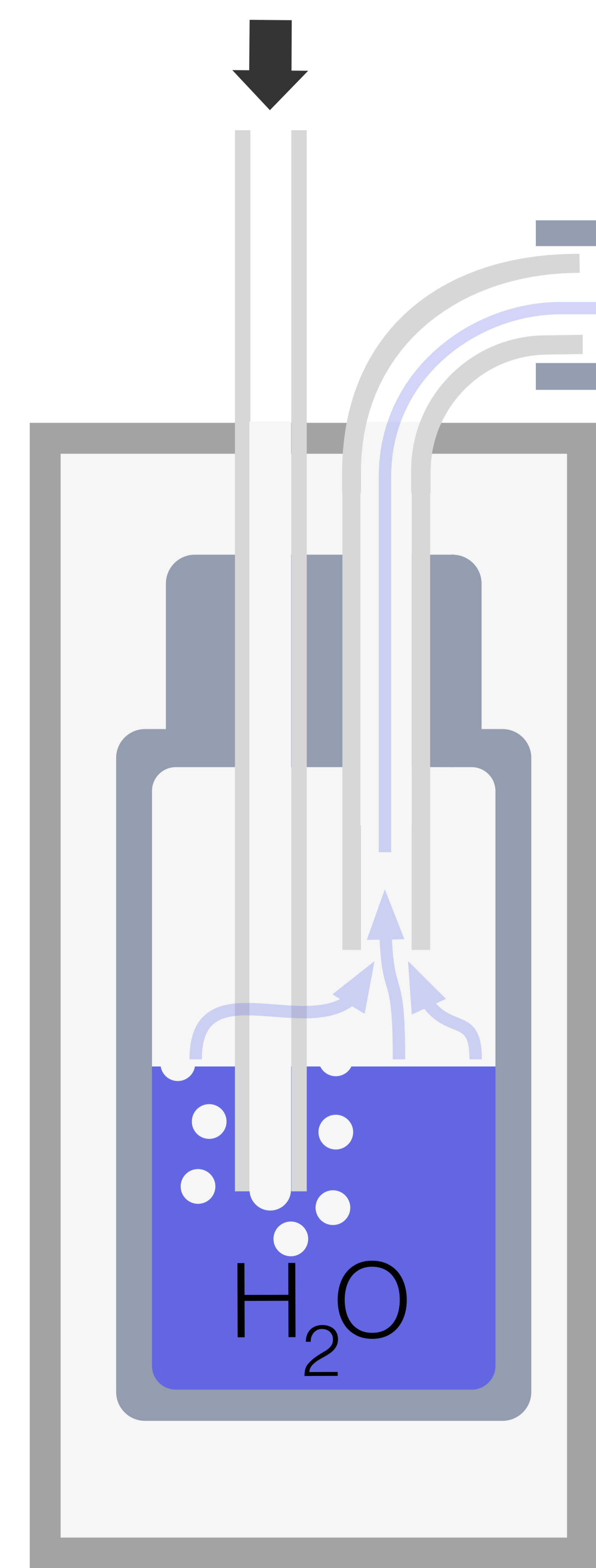
humidifier

headspace
sampler

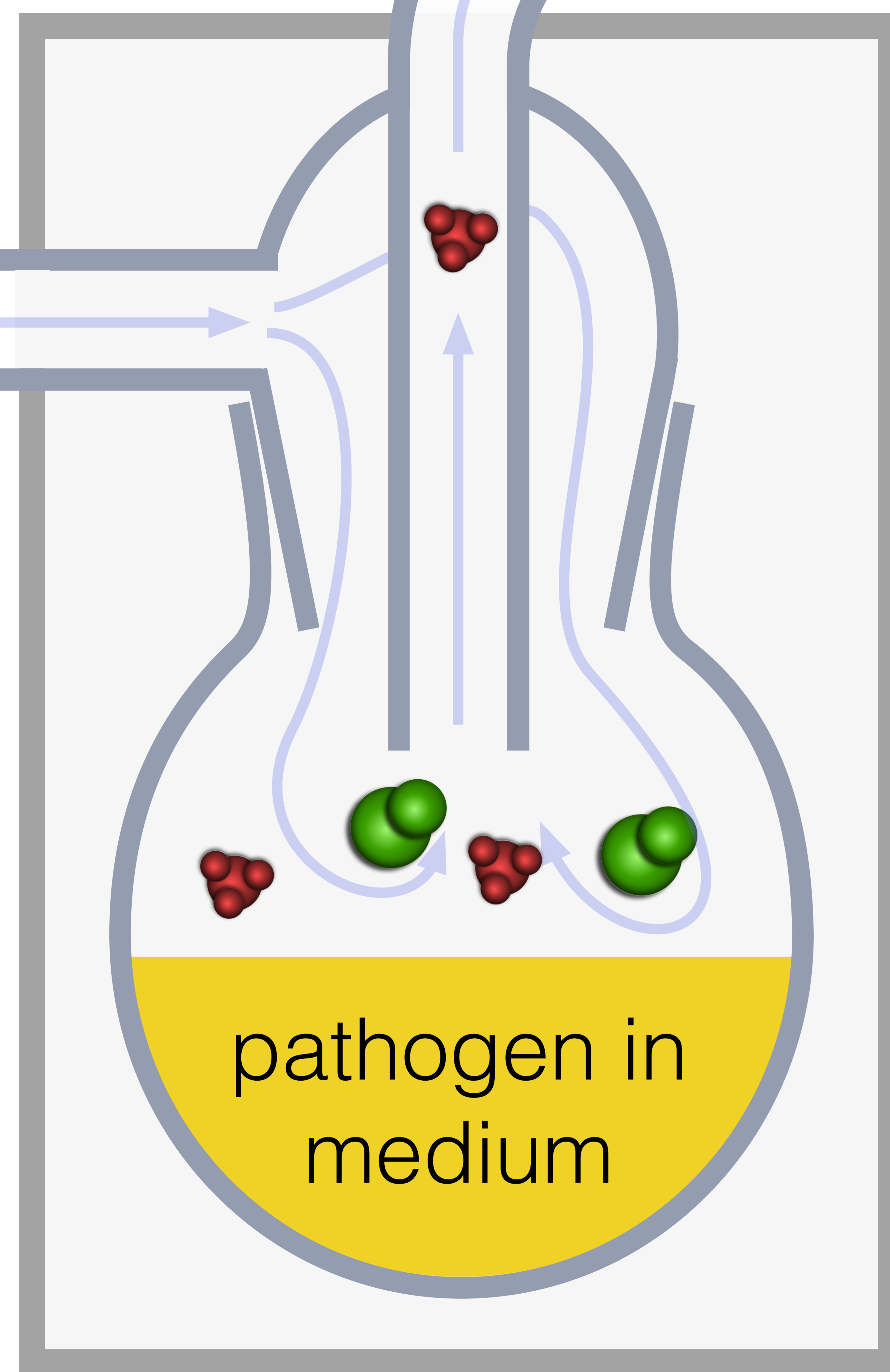
secondary electrospray
ionization (SESI) source

time-of-flight
mass spectrometer (TOFMS)

medical air
0.2 l/min



aluminum box
at $T=65\text{ }^{\circ}\text{C}$



aluminum casting
at $T=50\text{ }^{\circ}\text{C}$

electrospray

H_2O
+ 0.1% formic acid

A schematic of the electrospray source. A brown tube dips into a beaker of blue liquid labeled " H_2O + 0.1% formic acid". The tube ends in a grey cone that emits a spray of small blue spheres. These spheres travel through a grey tube into the SESI source.

exhaust

