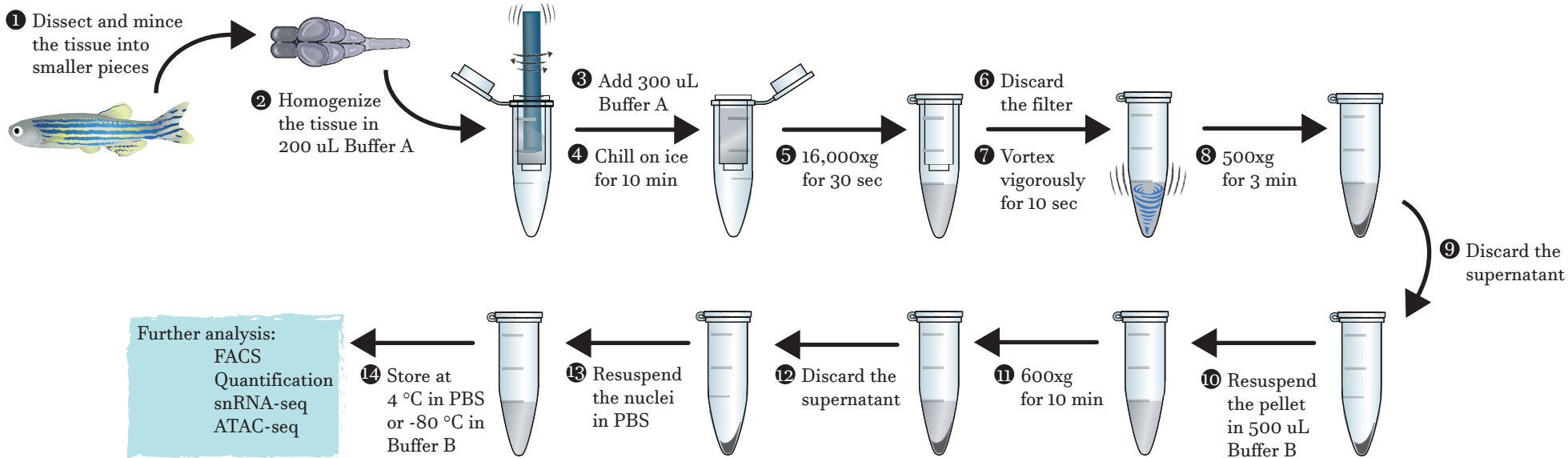
❶ Dissect and mince the tissue into smaller pieces
❷ Homogenize the tissue in 200 uL Buffer A
❸ Add 300 uL Buffer A
❹ Chill on ice for 10 min
❺ 16,000xg for 30 sec
❻ Discard the filter
❼ Vortex vigorously for 10 sec
❽ 500xg for 3 min
❾ Discard the supernatant
❿ Resuspend the pellet in 500 uL Buffer B
⓫ 600xg for 10 min
⓬ Discard the supernatant
⓭ Resuspend the nuclei in PBS
⓮ Store at 4 °C in PBS or -80 °C in Buffer B
Further analysis:
FACS
Quantification
snRNA-seq
ATAC-seq