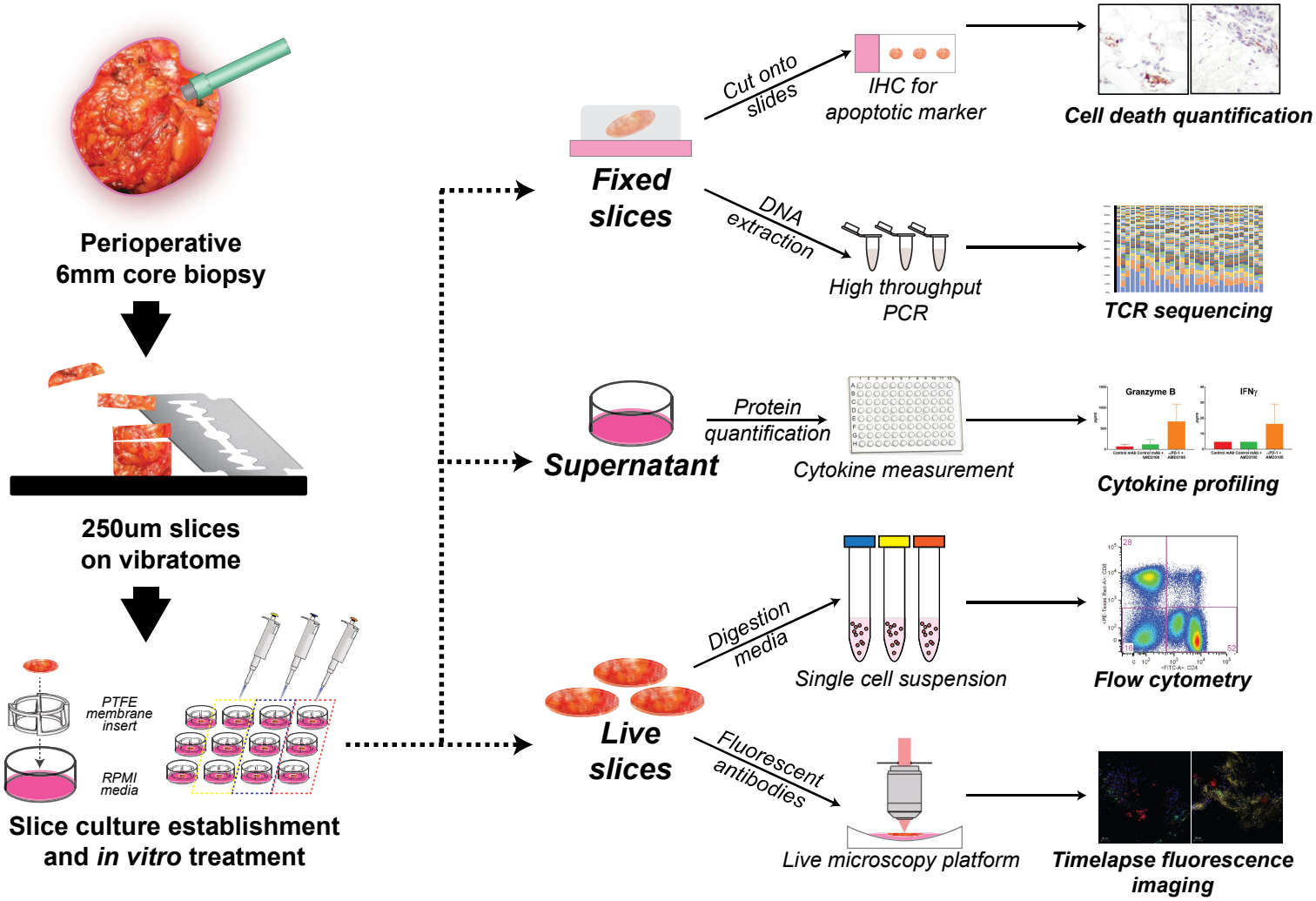
Perioperative
6mm core biopsy
250um slices
on vibratome
PTFE
membrane
insert
RPMI
media
Slice culture establishment
and *in vitro* treatment
Fixed
slices
Cut onto
slides
IHC for
apoptotic marker
Cell death quantification
DNA
extraction
High throughput
PCR
TCR sequencing
Supernatant
Protein
quantification
Cytokine measurement
Granzyme B
IFNγ
Cytokine profiling
Live
slices
Digestion
media
Single cell suspension
Flow cytometry
Fluorescent
antibodies
Live microscopy platform
Timelapse fluorescence
imaging