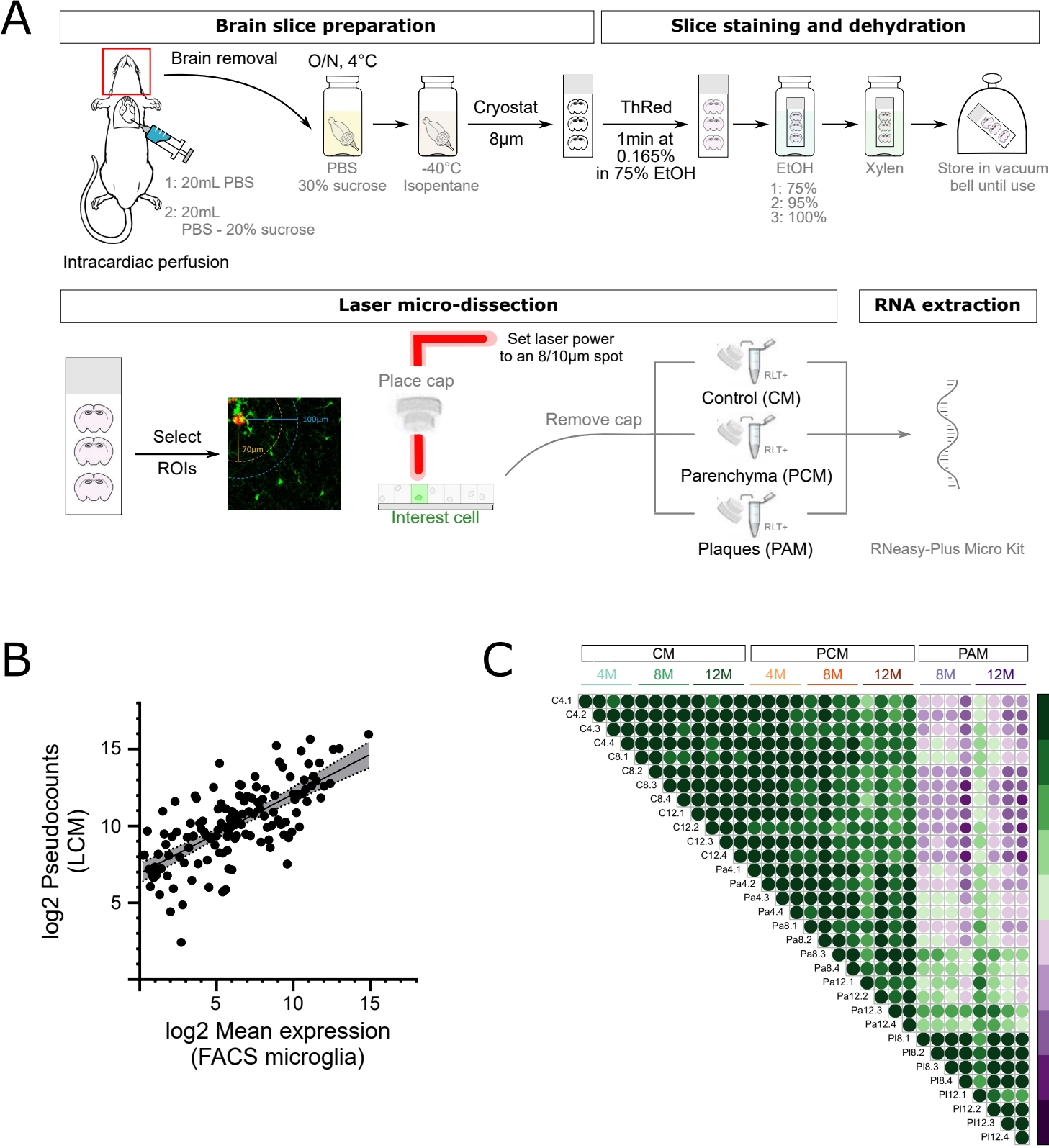
A
Brain slice preparation
Slice staining and dehydration
Brain removal
O/N, 4°C
1: 20mL PBS
2: 20mL
PBS - 20% sucrose
Intracardiac perfusion
PBS
30% sucrose
-40°C
Isopentane
Cryostat
8µm
ThRed
1min at
0.165%
in 75% EtOH
EtOH
1: 75%
2: 95%
3: 100%
Xylen
Store in vacuum
bell until use
Laser micro-dissection
RNA extraction
Select
ROIs
100µm
70µm
Place cap
Set laser power
to an 8/10µm spot
Interest cell
Remove cap
RLT+
Control (CM)
RLT+
Parenchyma (PCM)
RLT+
Plaques (PAM)
RNeasy-Plus Micro Kit
B
log2 Pseudocounts
(LCM)
log2 Mean expression
(FACS microglia)
C
CM
PCM
PAM
4M
8M
12M
C4.1
C4.2
C4.3
C4.4
C8.1
C8.2
C8.3
C8.4
C12.1
C12.2
C12.3
C12.4
Pa4.1
Pa4.2
Pa4.3
Pa4.4
Pa8.1
Pa8.2
Pa8.3
Pa8.4
Pa12.1
Pa12.2
Pa12.3
Pa12.4
PI8.1
PI8.2
PI8.3
PI8.4
PI12.1
PI12.2
PI12.3
PI12.4