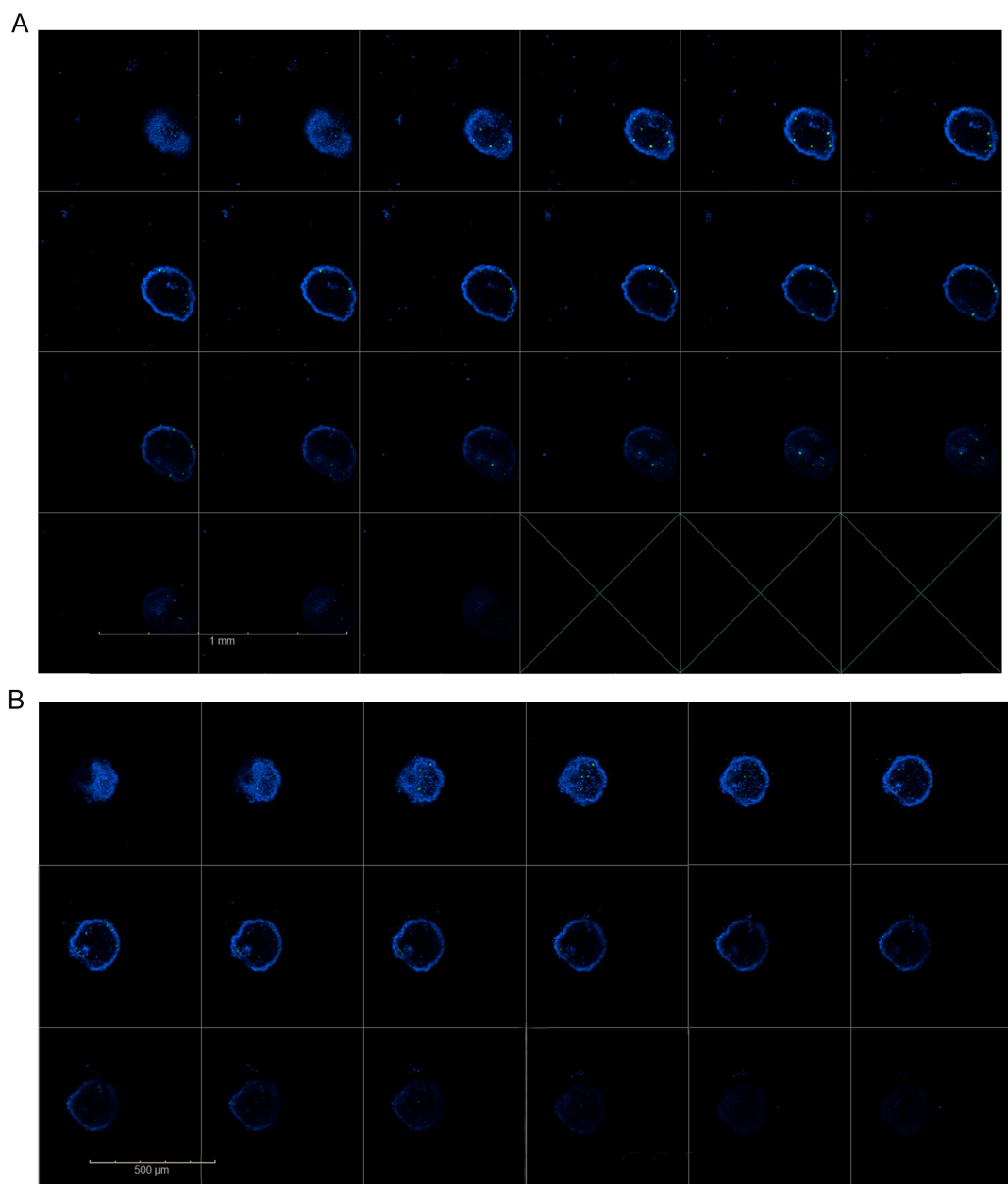


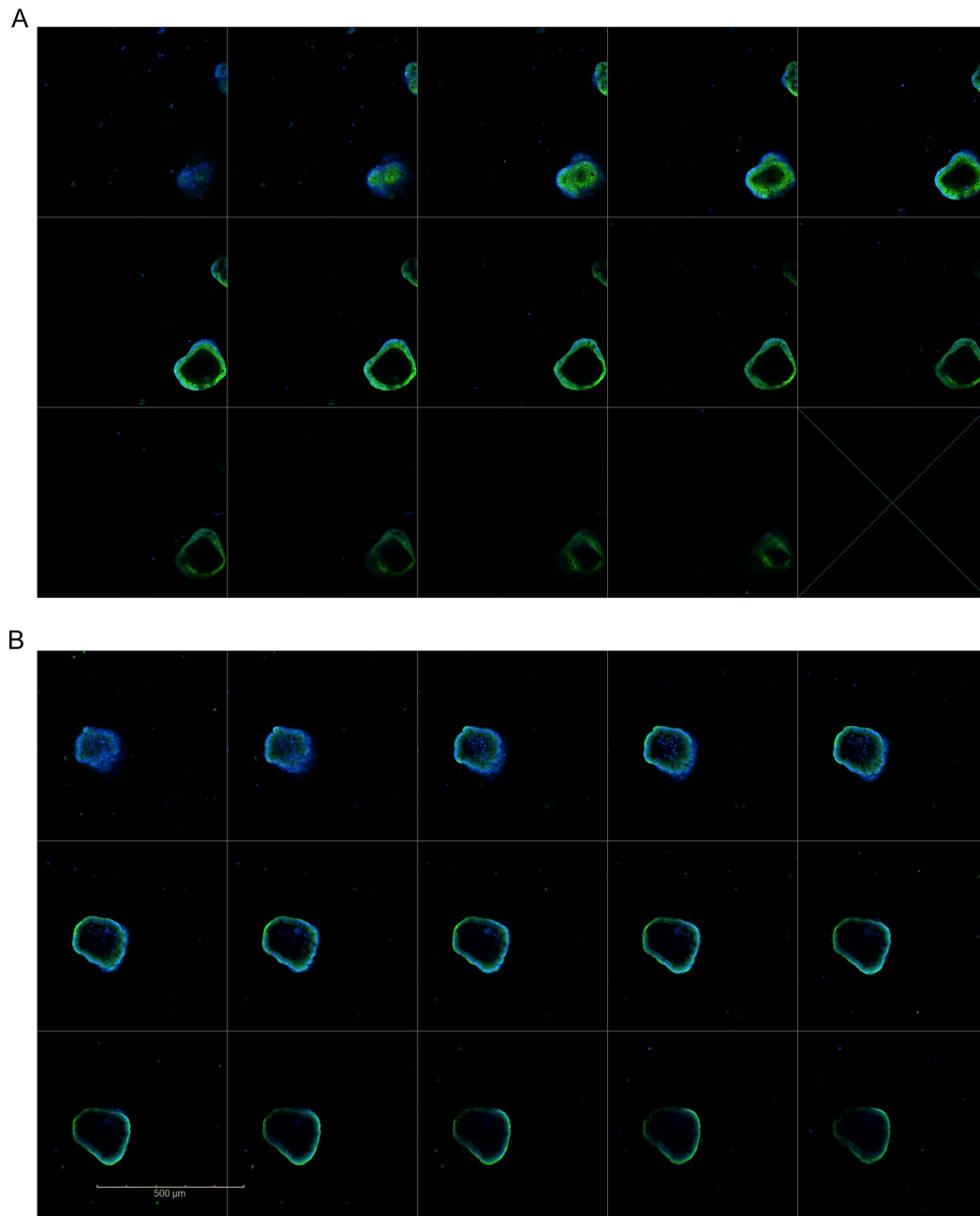
1

2 Supplementary figure 1: The microscopic morphology image of crypts and organoids.
 3 (A) The morphology of crypt isolated (B) organoids cultured for 24h (C) organoids
 4 cultured for 48h (D) organoids cultured for 7 days.



5

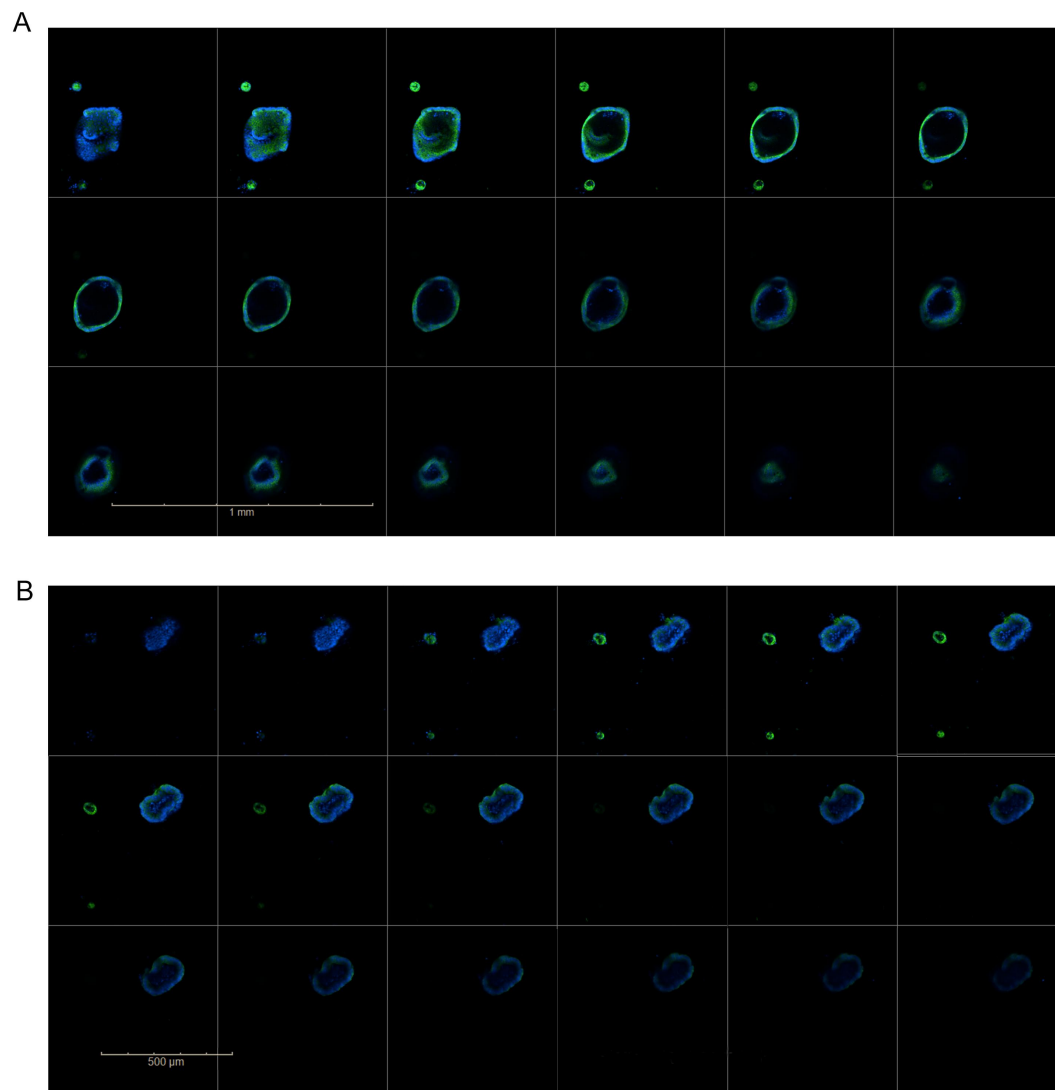
6 Supplementary figure 2: Each layer scan image of the organoids for
 7 immunofluorescence of Ki67. (A) No LPS, (B) LPS stimulated.



8

9 Supplementary figure 3: Each layer scan image of the organoids image for

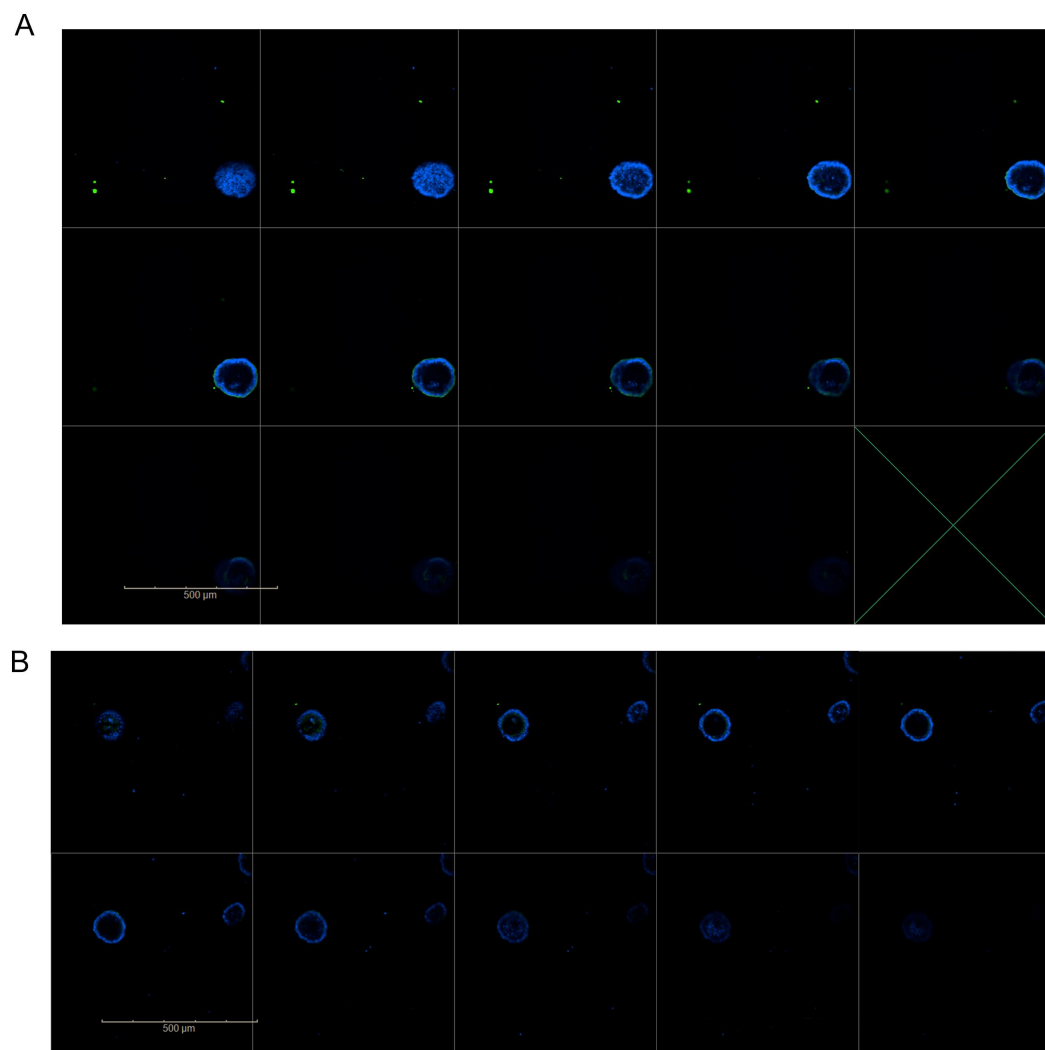
10 immunofluorescence of ZO-1. (A) No LPS, (B) LPS stimulated.



11

12 Supplementary figure 4: Each layer scan image of the organoids image for

13 immunofluorescence of Occludins. (A) No LPS, (B) LPS stimulated.



14

15 Supplementary figure 5: Each layer scan image of the organoids image for
 16 immunofluorescence of Claudin-1. (A) No LPS, (B) LPS stimulated.

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