07.24.19 NO072419A HeLA , Camui 253D

~ 90% confluency, 1DAT

Laser Calibration 930 nm (2003mW at the laser screen, software)-

4%=0.38mW

5%=0.51mW

6%=0.63mW

7%=0.76mW

8%=0.88mW

9%=1.0mw

10%=1.13mW

11%=1.27mW

12%=1.38mW

13%=1.50mW

14%=1.62mW

15%=1.74mW

16%=1.86mW

17%=2.0mW

18%=2.13mW

19%=2.22mW

Laser Calibration 1010 nm (988mW at the laser screen, software)- (not calibrated)

15% = 0.84mW

16% = 0.88mW

17% = 0.93mW

18% = 0.98mW

19% = 1.05mW

20% = 1.14mW

21% = 1.16mW

22% = 1.23mW

23% = 1.27mW

24% = 1.35mW

25% = 1.42mW

Laser 930 10%

(lp10%) 128x128; Aver =20, 10x1um stack

Loc1- 1

Loc2-

Loc3-

Loc4-

Loc5- Z3, lt 1.93 

Loc6- Z2, lt=2.0

Loc7-

Loc9- Z3, lt 2.13

Loc10-

Loc11-

Loc12-

Loc13-

Loc14-

Loc15-

A

AI pos 1 ( slow circulation?)

Start with HBSS/2mM Calcium (25mMHEPES) (prepared from HBSS/0Ca (Nick 7.23.19) by addition of 100uM of 1 M Ca to 50 ml of HBSS/0Ca

After img5 start HBSS /2mMCa with ionomycin ( fresh 10uM). The solution was washing out (no recirc)

After img12 start 4mMEGTA/0mMCa+/Ionom. The solution was washing out ;

After img21 the solution started circulation

Im 31 - end



