Figure 1 :



тG

9

0 8

10

Figure 2 :



Figure 3 :

A : Ca<sup>2+</sup> / TG









Normalized Mn<sup>2+</sup> influx (arbitrary units) \* \* 0.4 # # 0.2 0.0 0μΜ 10 μM 0μΜ BTP2 1μΜ ÷ + + ΤG -

D : Ca<sup>2+</sup> / fMLF (peak+3')



### Figure 4 :

#### A: Neutrophils B: HL60 cells ΤG TG ∆ [Ca<sup>2+</sup>]<sub>i</sub> ∆ [Ca<sup>2+</sup>]<sub>i</sub> (nM) (nM) \* # 3000-# 400-300-2000-200-1000 100 0 111111 0<sup>.</sup> BTP2 incubation BTP2 (24 h) 0μΜ 0.2 μM 0.2 μM 0 μΜ 1 μΜ 10 μM 24h 24h 24h - 3h time C: HL60 cells D: HL60 cells **fMLF: PEAK** fMLF: PEAK + 3' ∆ [Ca<sup>2+</sup>]<sub>i</sub>



![](_page_3_Figure_3.jpeg)

# Figure 5 :

## A : NADPH oxidase

#### **B: NADPH oxidase**

0μΜ

-

![](_page_4_Figure_3.jpeg)

### C: E.coli-FITC

![](_page_4_Figure_5.jpeg)

### Figure 6 :

# A : NADPH oxidase (fMLF)

# B : NADPH oxidase (fMLF)

![](_page_5_Figure_3.jpeg)

### C: NADPH oxidase (PMA)

![](_page_5_Figure_5.jpeg)

# D: NADPH oxidase (PMA)

![](_page_5_Figure_7.jpeg)

![](_page_5_Figure_8.jpeg)

# Figure 7 :

![](_page_6_Figure_1.jpeg)

Figure 8 :

![](_page_7_Figure_1.jpeg)

1μΜ 10μΜ 0μΜ

+

-

BTP2

Ext.Ca<sup>2</sup>

0 μΜ

+

+

-