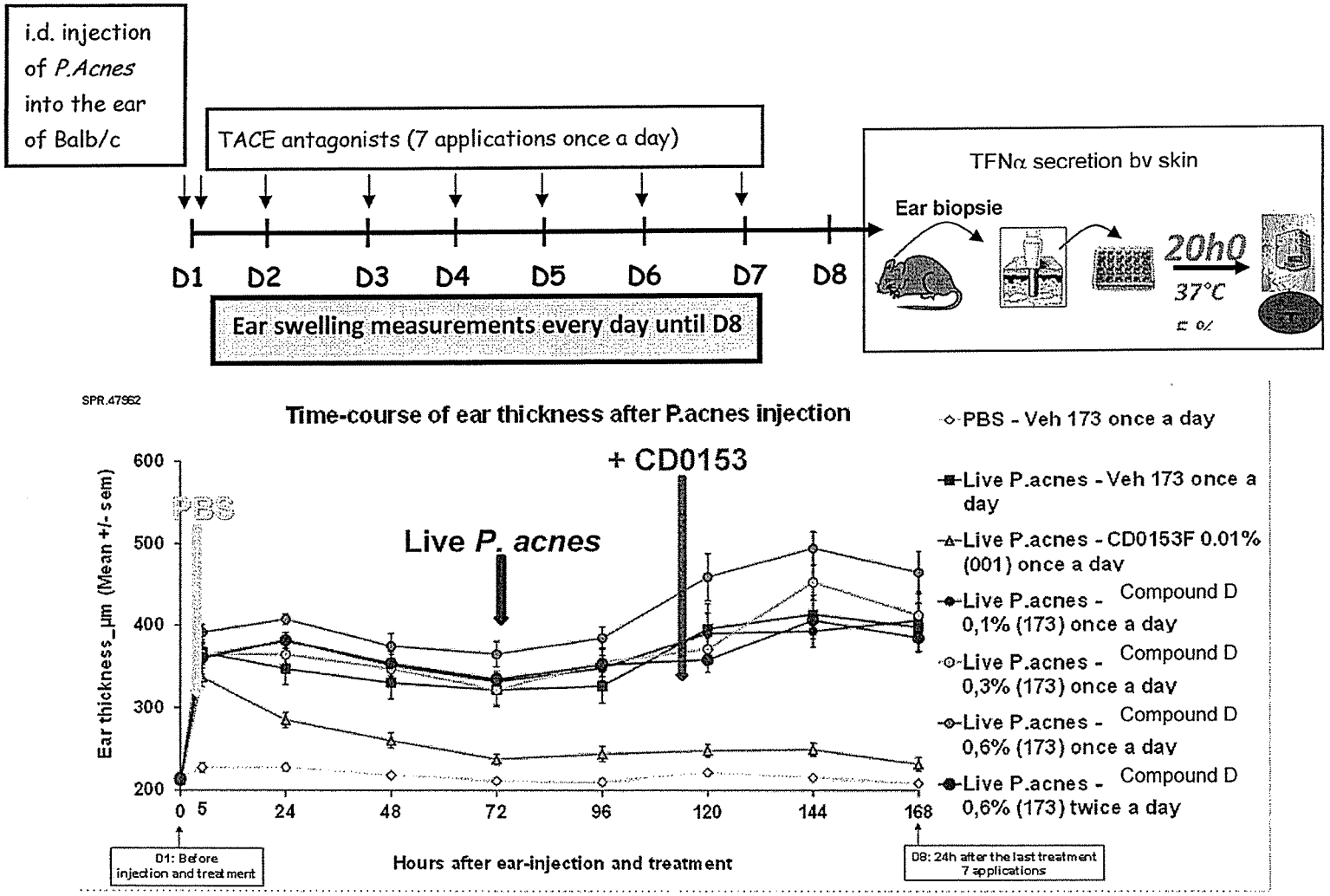

i.d. injection of P.Acnes into the ear of Balb/c
TACE antagonists (7 applications once a day)
D1 D2 D3 D4 D5 D6 D7 D8
Ear swelling measurements every day until D8
TFNα secretion by skin
Ear biopsie
20h0
37°C
SPR.47962
Time-course of ear thickness after P.acnes injection
+ CD0153
PBS
Live P. acnes
Ear thickness_µm (Mean +/- sem)
600
500
400
300
200
0 5 24 48 72 96 120 144 168
D1: Before injection and treatment
Hours after ear-injection and treatment
D8: 24h after the last treatment 7 applications
PBS - Veh 173 once a day
Live P.acnes - Veh 173 once a day
Live P.acnes - CD0153F 0.01% (001) once a day
Live P.acnes - Compound D 0,1% (173) once a day
Live P.acnes - Compound D 0,3% (173) once a day
Live P.acnes - Compound D 0,6% (173) once a day
Live P.acnes - Compound D 0,6% (173) twice a day

FIGURE 1

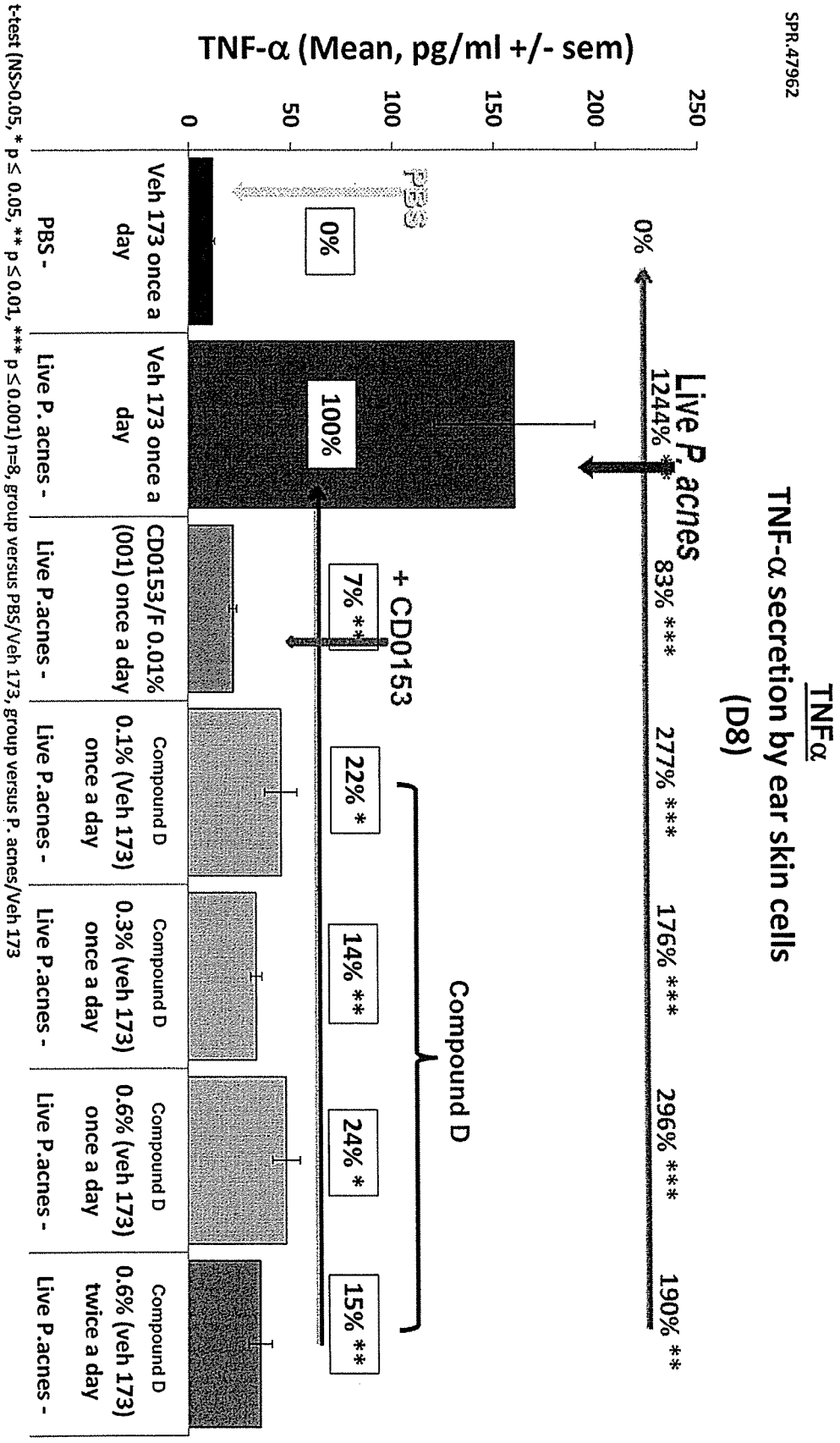

SPR.47962
TNFα
TNF-α secretion by ear skin cells
(D8)
TNF-α (Mean, pg/ml +/- sem)
0
50
100
150
200
250
PBS
0%
Live P. acnes
1244% ***
100%
0%
83% ***
277% ***
176% ***
296% ***
190% **
+ CD0153
7% **
22% *
14% **
24% *
15% **
Compound D
Veh 173 once a day
Veh 173 once a day
CD0153/F 0.01% (001) once a day
Compound D 0.1% (Veh 173) once a day
Compound D 0.3% (veh 173) once a day
Compound D 0.6% (veh 173) once a day
Compound D 0.6% (veh 173) twice a day
PBS -
Live P. acnes -
Live P.acnes -
Live P.acnes -
Live P.acnes -
Live P.acnes -
Live P.acnes -
t-test (NS>0.05, * p ≤ 0.05, ** p ≤ 0.01, *** p ≤ 0.001) n=8, group versus PBS/Veh 173, group versus P. acnes/Veh 173

FIGURE 2A

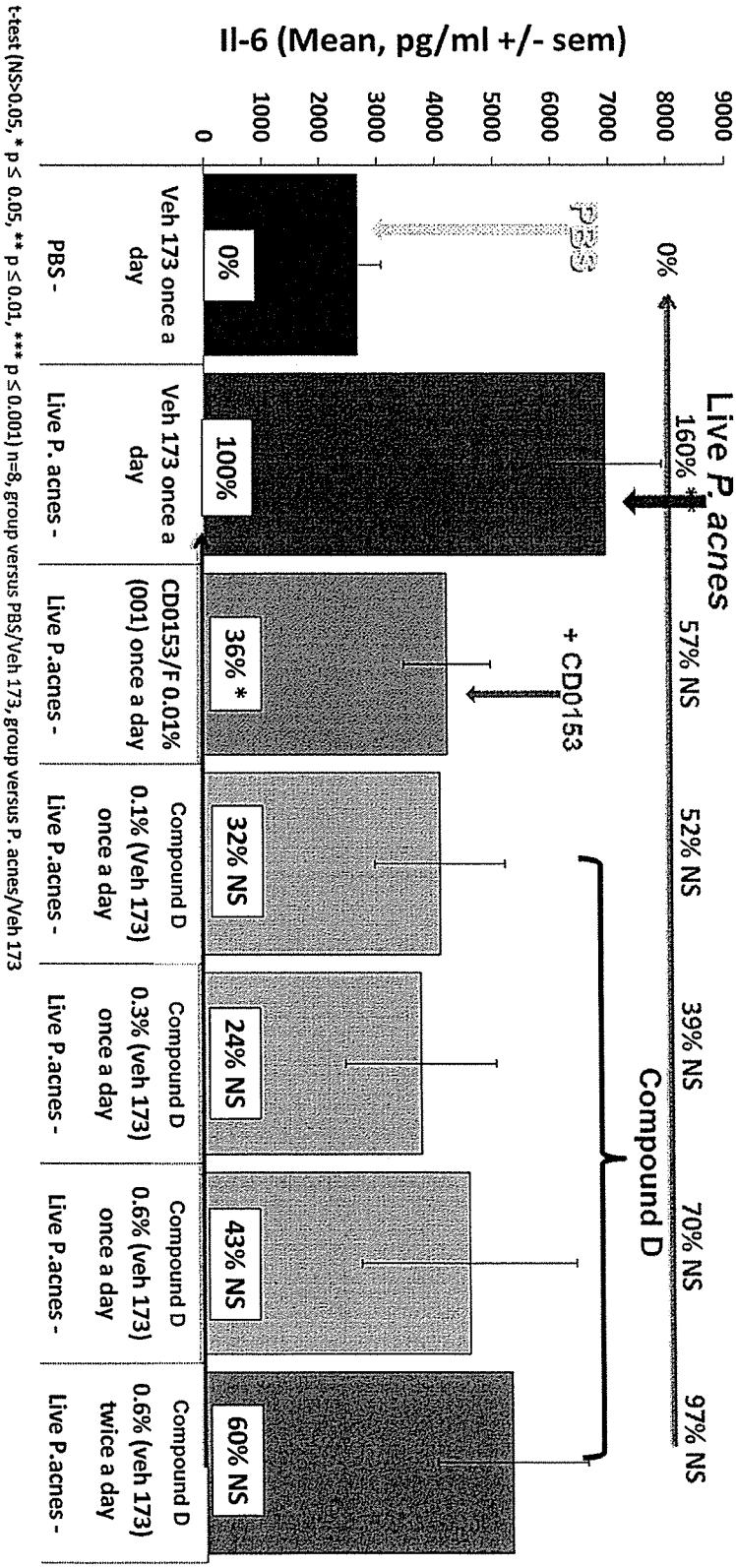

IL-6
Il-6 secretion by ear skin cells (D8)
SPR.47962
Il-6 (Mean, pg/ml +/- sem)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
PBS
Live P. acnes
+ CD0153
Compound D
0%
160% **
57% NS
52% NS
39% NS
70% NS
97% NS
0%
100%
36% *
32% NS
24% NS
43% NS
60% NS
PBS -
Veh 173 once a day
Live P. acnes -
Veh 173 once a day
Live P.acnes -
CD0153/F 0.01% (001) once a day
Live P.acnes -
Compound D 0.1% (Veh 173) once a day
Live P.acnes -
Compound D 0.3% (veh 173) once a day
Live P.acnes -
Compound D 0.6% (veh 173) once a day
Live P.acnes -
Compound D 0.6% (veh 173) twice a day
t-test (NS>0.05, * p ≤ 0.05, ** p ≤ 0.01, *** p ≤ 0.001) n=8, group versus PBS/Veh 173, group versus P. acnes/Veh 173

FIGURE 2B