Fig 1

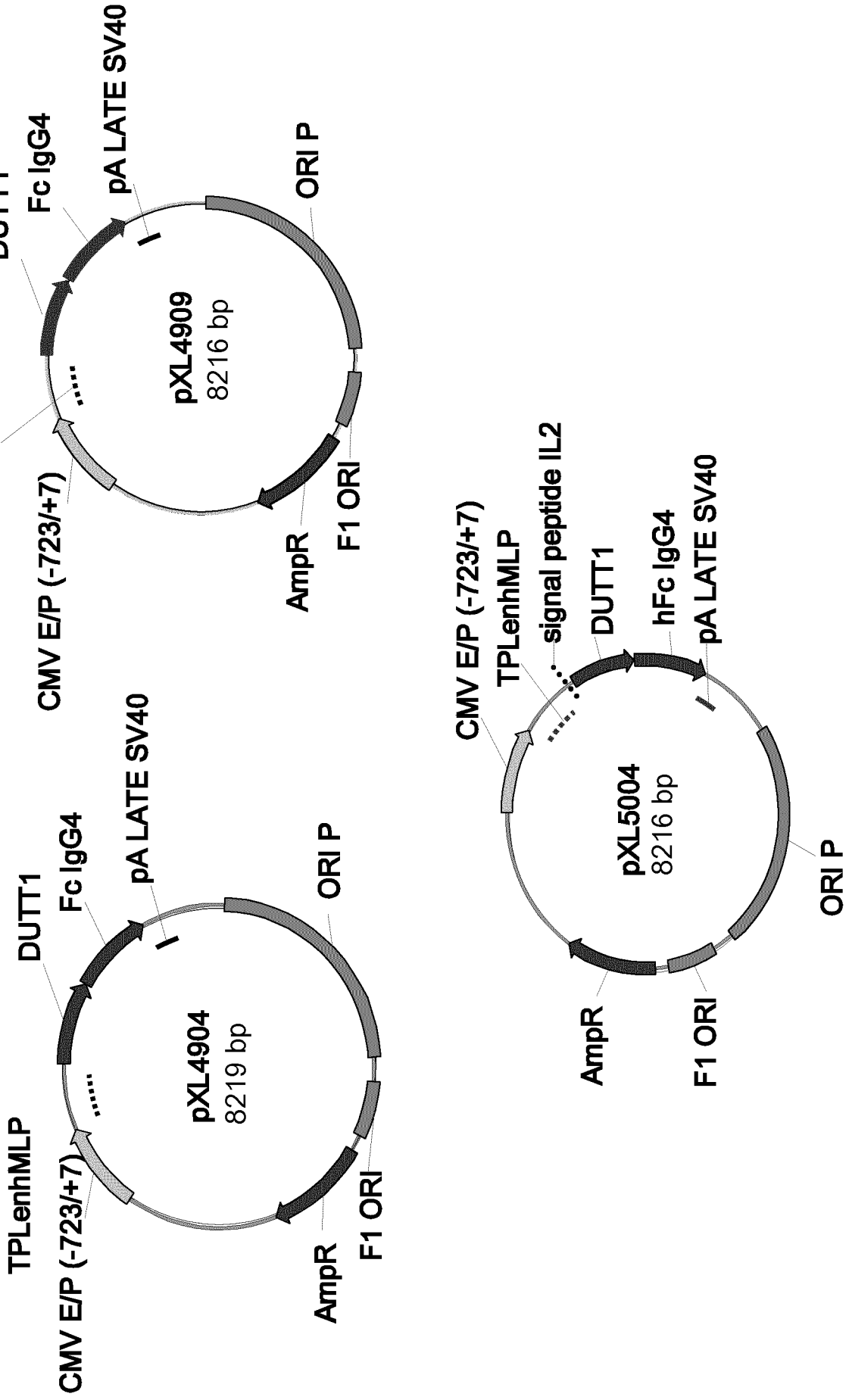

pXL4909
8216 bp
TPLenhMLP
CMV E/P (-723/+7)
DUTT1
Fc IgG4
pA LATE SV40
ORI P
AmpR
F1 ORI
pXL4904
8219 bp
TPLenhMLP
CMV E/P (-723/+7)
DUTT1
Fc IgG4
pA LATE SV40
ORI P
AmpR
F1 ORI
pXL5004
8216 bp
CMV E/P (-723/+7)
TPLenhMLP
signal peptide IL2
DUTT1
hFc IgG4
pA LATE SV40
ORI P
AmpR
F1 ORI

Fig 2

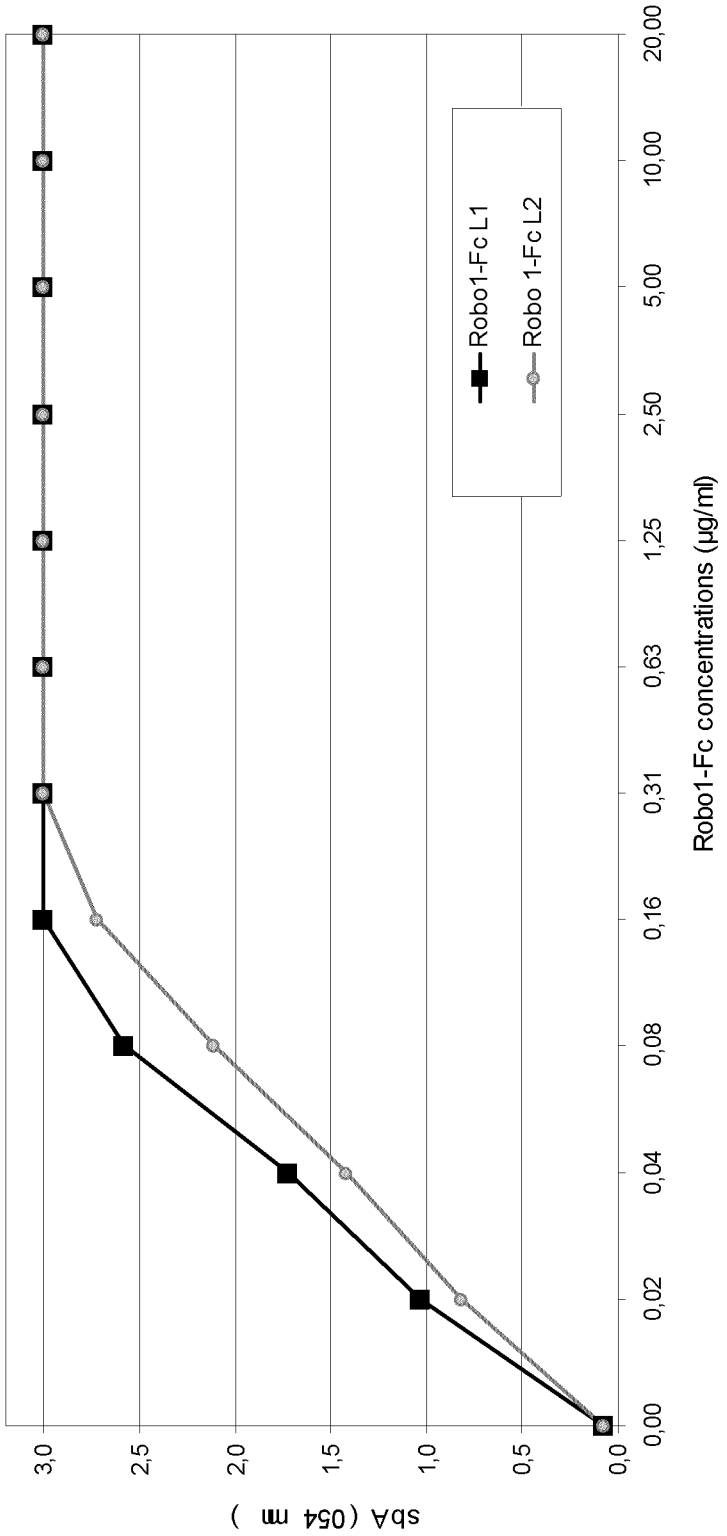

Robo1-Fc L1
Robo 1-Fc L2
Robo1-Fc concentrations (µg/ml)
0,00
0,02
0,04
0,08
0,16
0,31
0,63
1,25
2,50
5,00
10,00
20,00
0,0
0,5
1,0
1,5
2,0
2,5
3,0

Fig 3

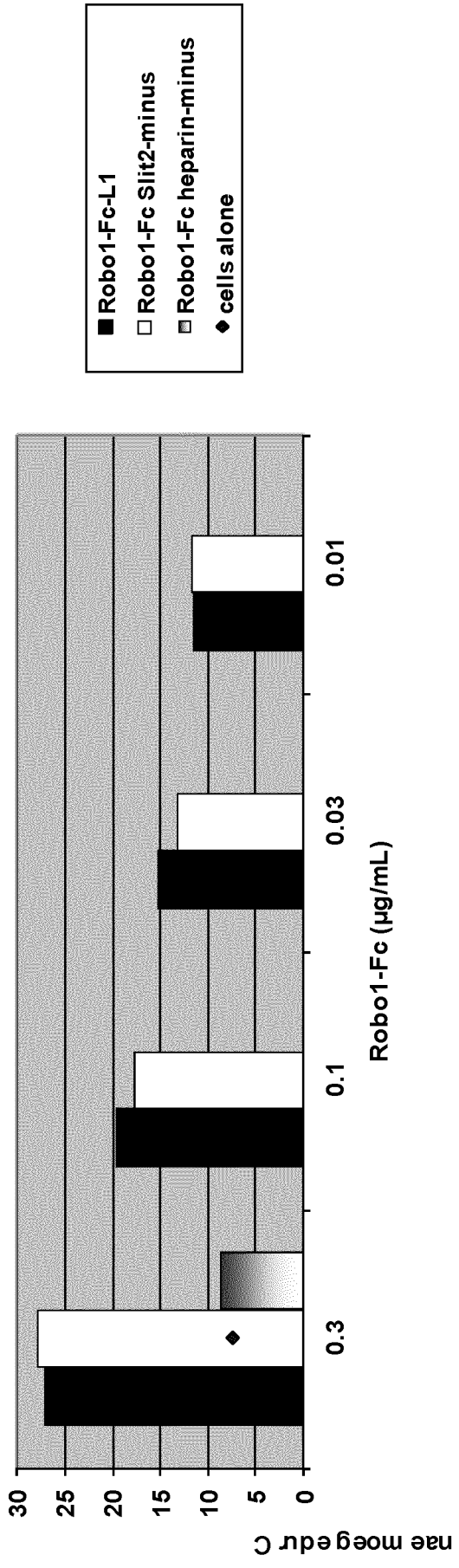

Robo1-Fc-L1
Robo1-Fc Slit2-minus
Robo1-Fc heparin-minus
cells alone
0
5
10
15
20
25
30
0.3
0.1
0.03
0.01
Robo1-Fc (µg/mL)

Fig 4

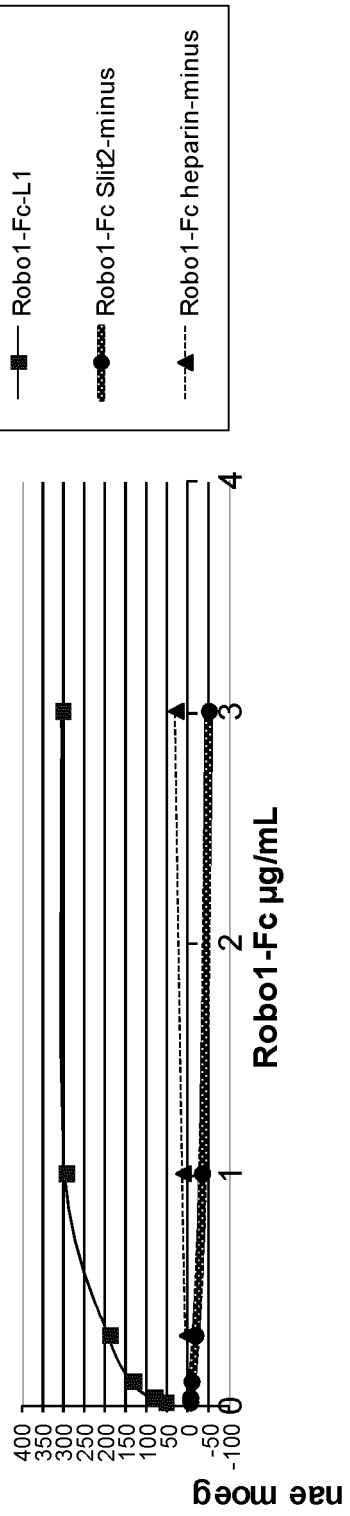

Robo1-Fc-L1
Robo1-Fc Slit2-minus
Robo1-Fc heparin-minus
400
350
300
250
200
150
100
50
0
-50
-100
0
1
2
3
4
Robo1-Fc µg/mL
nae moeg

Fig 5-A

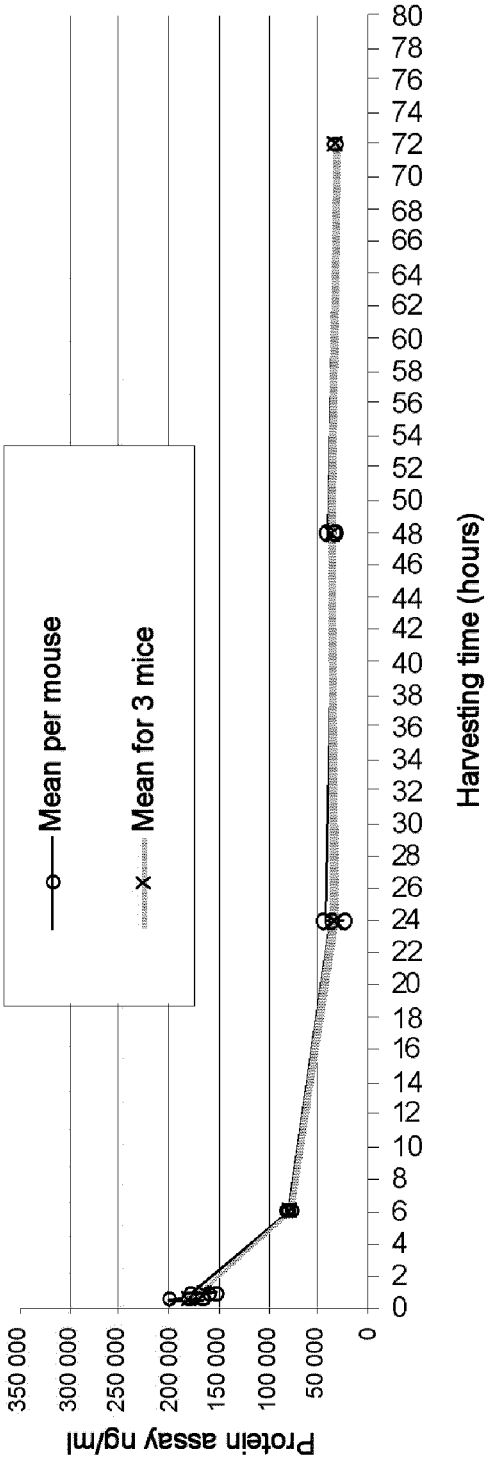
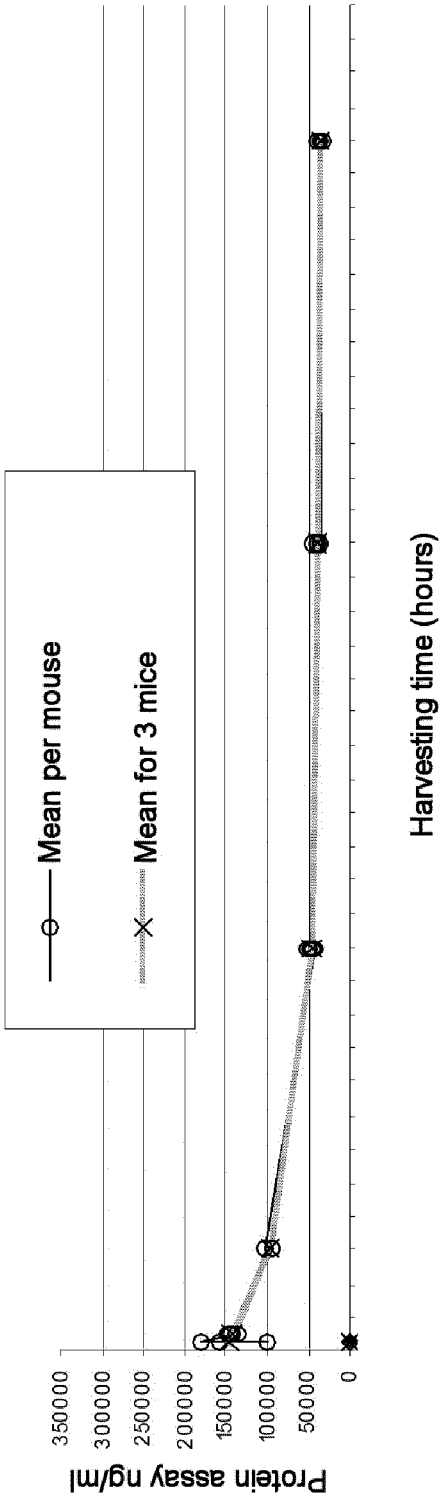

Mean per mouse
Mean for 3 mice
Protein assay ng/ml
350 000
300 000
250 000
200 000
150 000
100 000
50 000
0
Harvesting time (hours)
80
78
76
74
72
70
68
66
64
62
60
58
56
54
52
50
48
46
44
42
40
38
36
34
32
30
28
26
24
22
20
18
16
14
12
10
8
6
4
2
0

Fig 5-B


Protein assay ng/ml
350000
300000
250000
200000
150000
100000
50000
0
Harvesting time (hours)
Mean per mouse
Mean for 3 mice

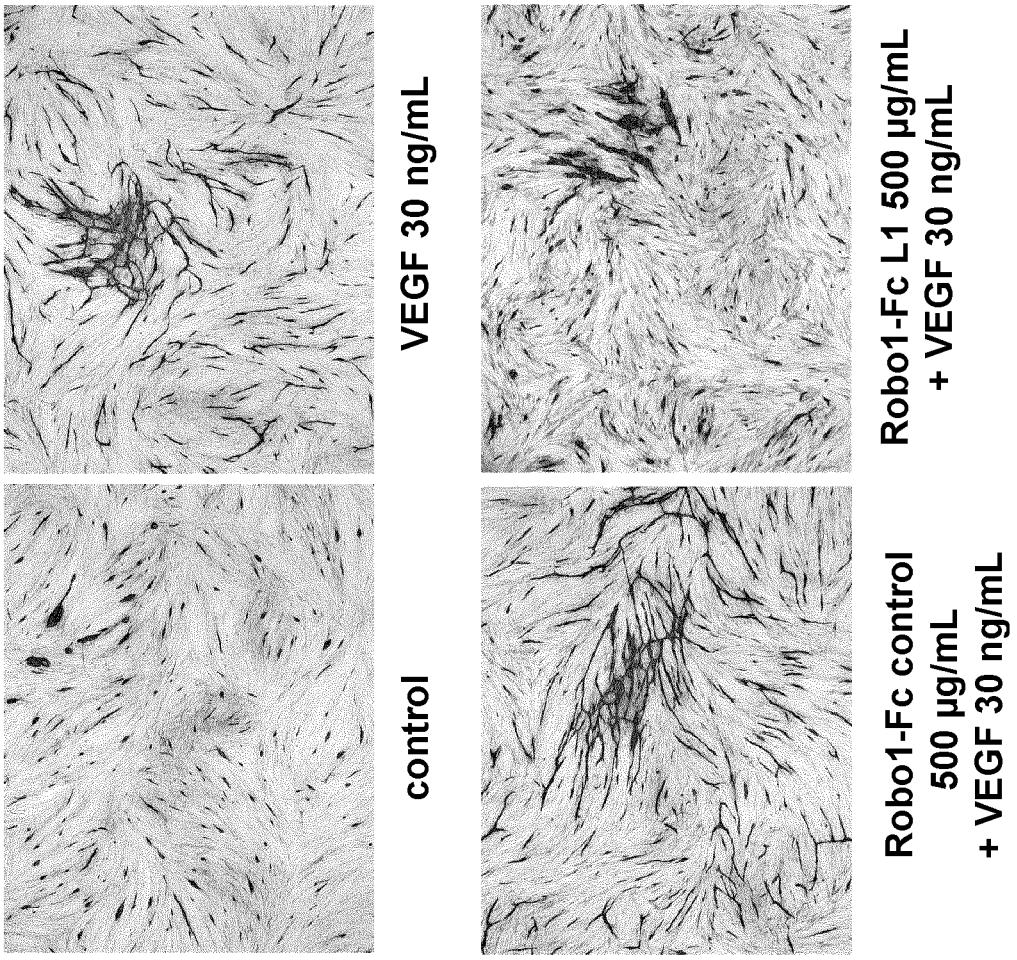

VEGF 30 ng/mL
control
Robo1-Fc L1 500 µg/mL
+ VEGF 30 ng/mL
Robo1-Fc control
500 µg/mL
+ VEGF 30 ng/mL

Fig 6-A

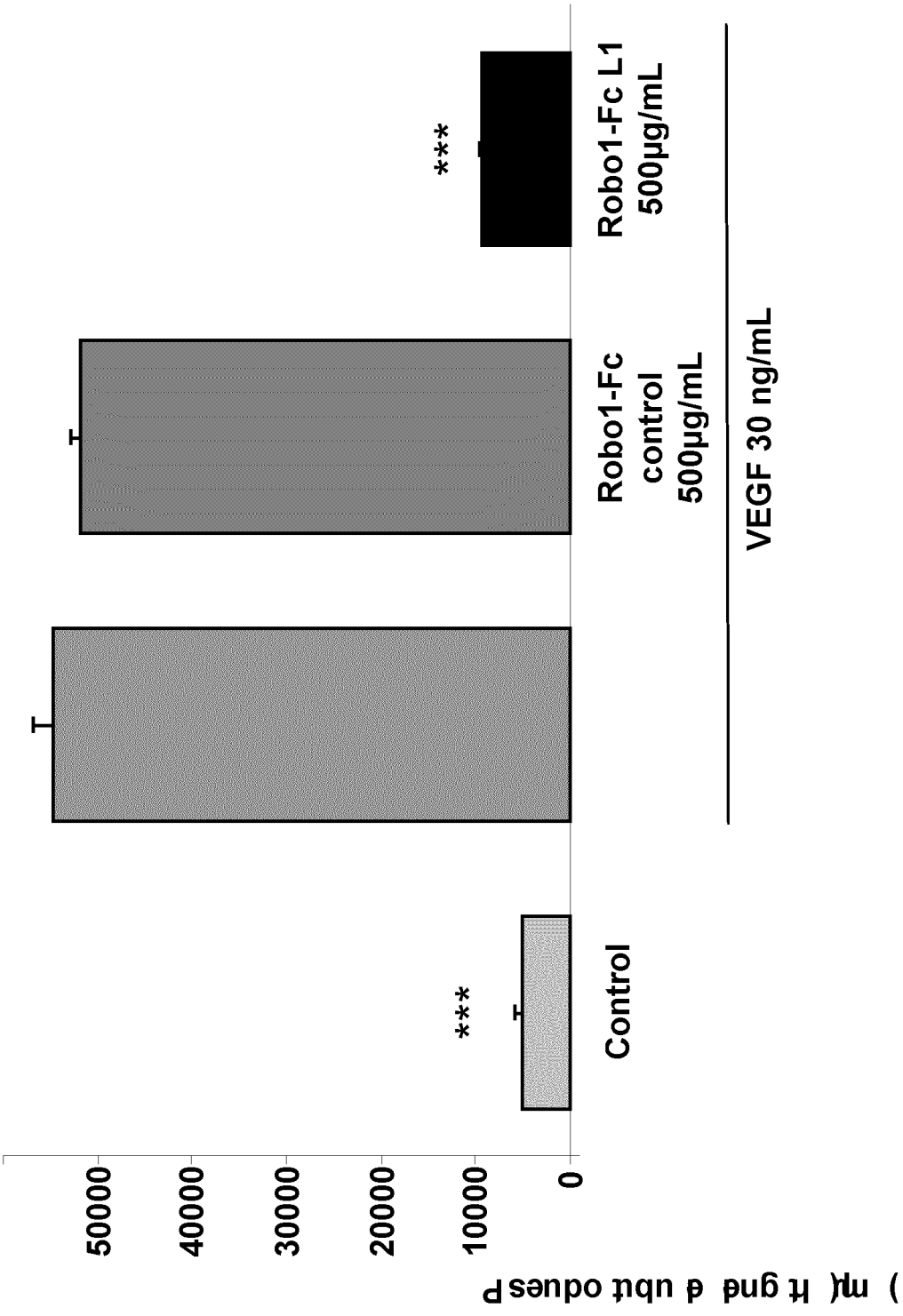

50000
40000
30000
20000
10000
0
***
***
Control
Robo1-Fc control 500µg/mL
Robo1-Fc L1 500µg/mL
VEGF 30 ng/mL

Fig 6-B

Fig 7-A

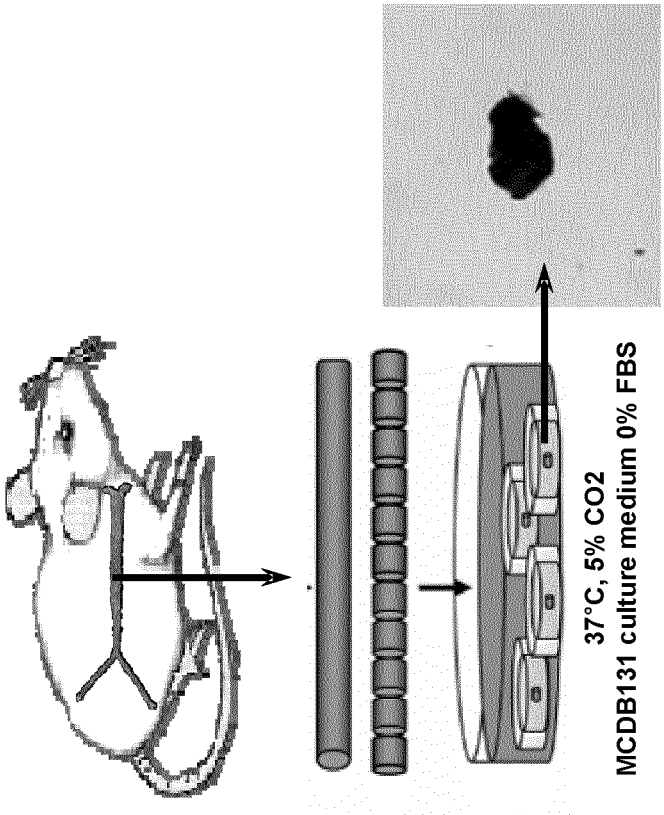
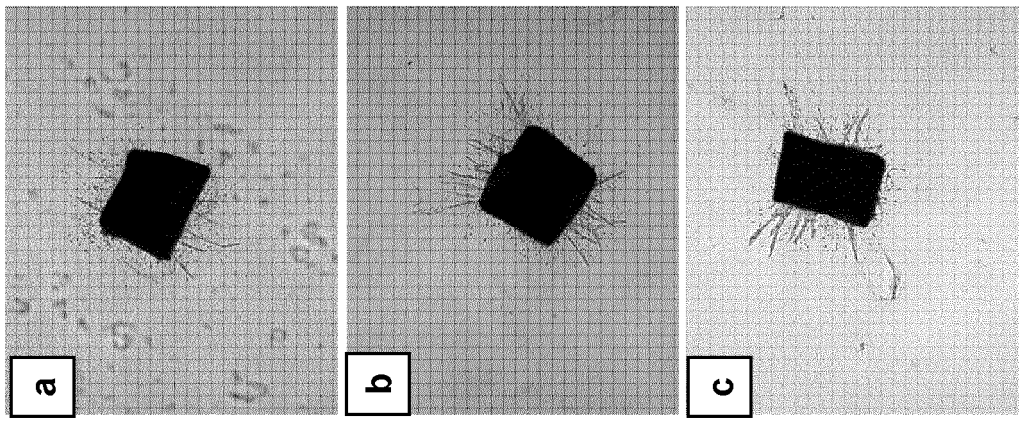
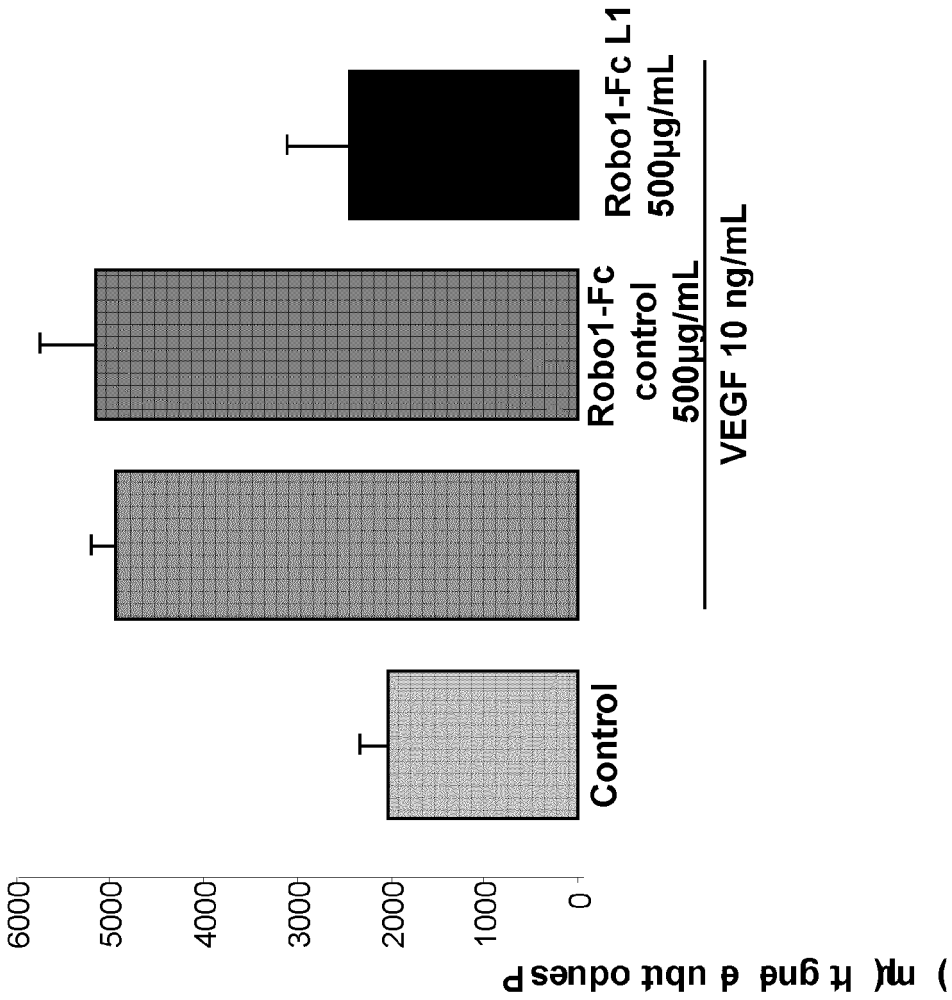

Measurement of tubule length
37°C, 5% CO2
MCDB131 culture medium 0% FBS

Fig 7-B


a
b
c


Control
Robo1-Fc control 500µg/mL
Robo1-Fc L1 500µg/mL
VEGF 10 ng/mL
0
1000
2000
3000
4000
5000
6000

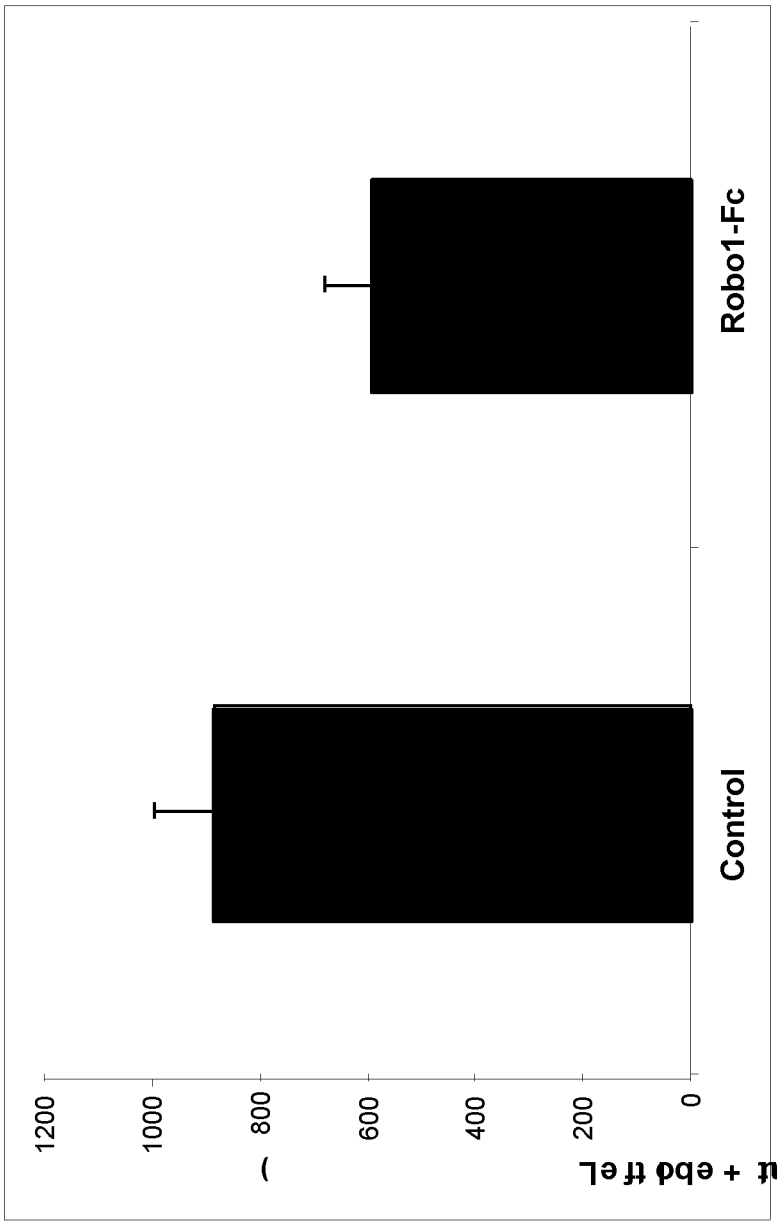


Fig 8

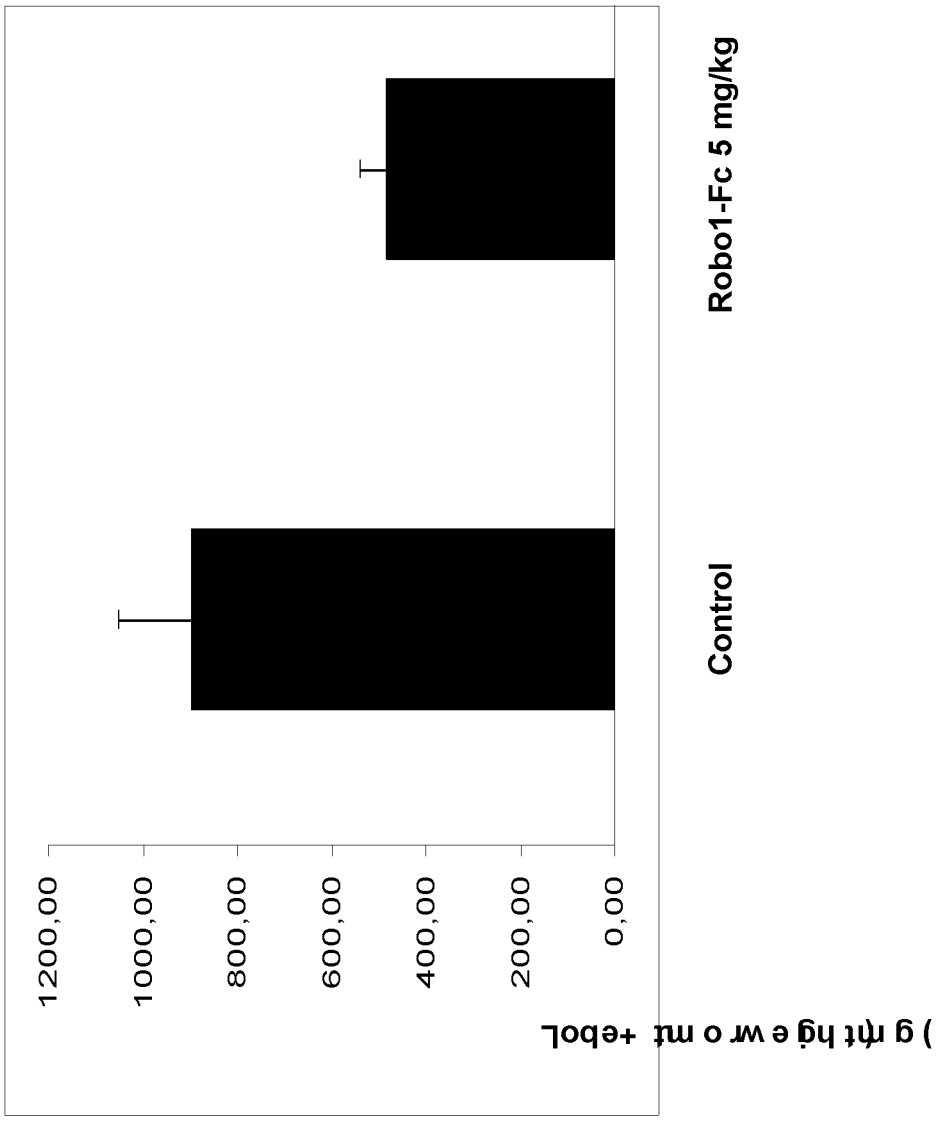

Control
Robo1-Fc 5 mg/kg
0,00
200,00
400,00
600,00
800,00
1000,00
1200,00

Fig 9

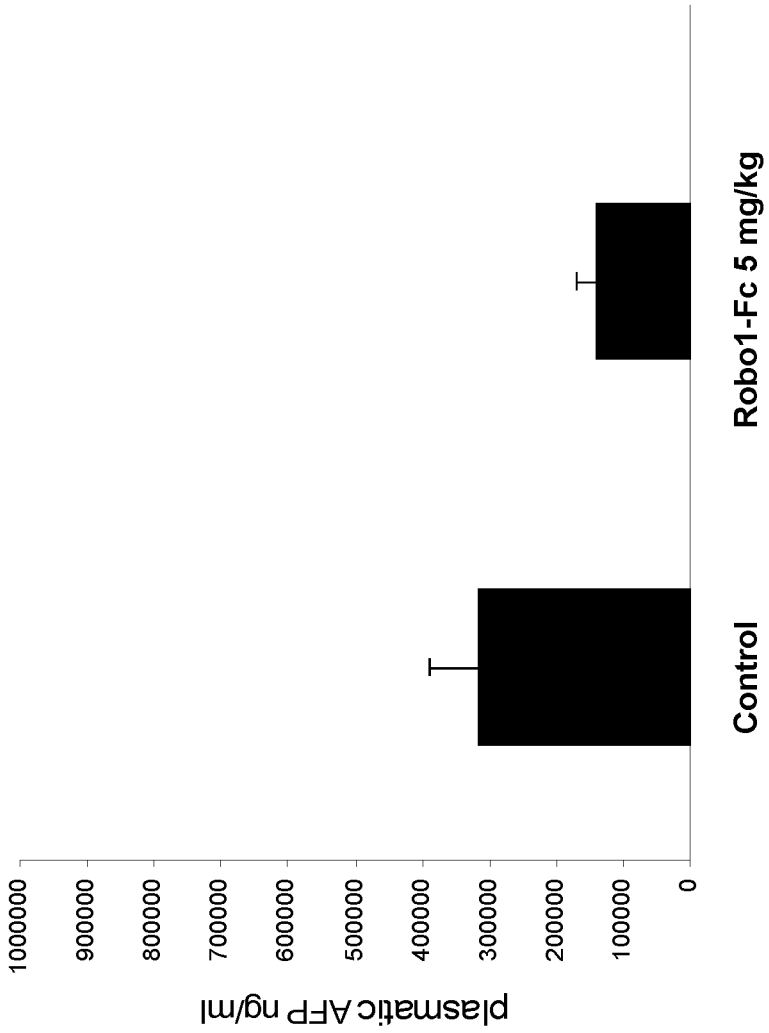

plasmatic AFP ng/ml
1000000
900000
800000
700000
600000
500000
400000
300000
200000
100000
0
Control
Robo1-Fc 5 mg/kg

Fig 10