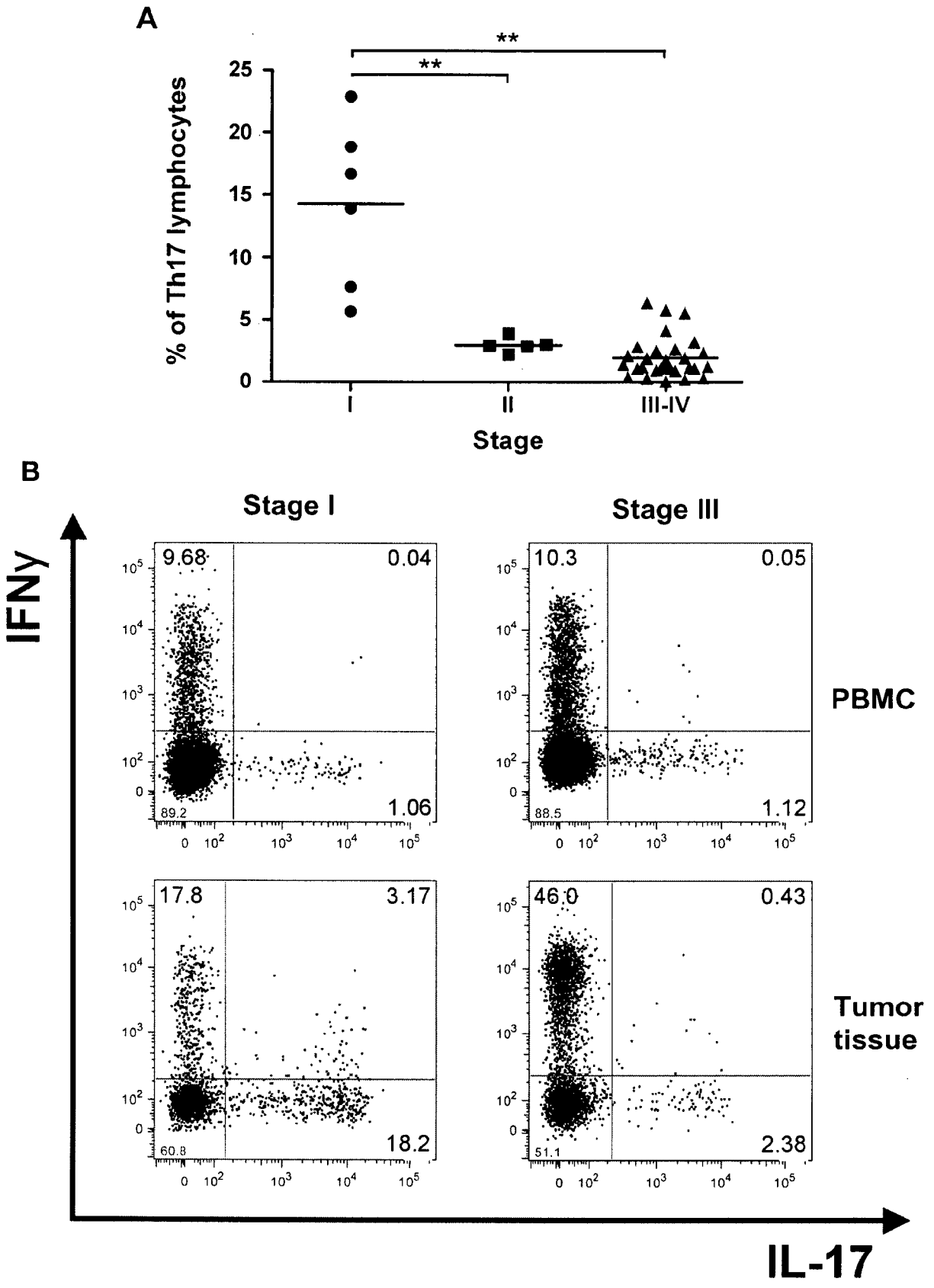
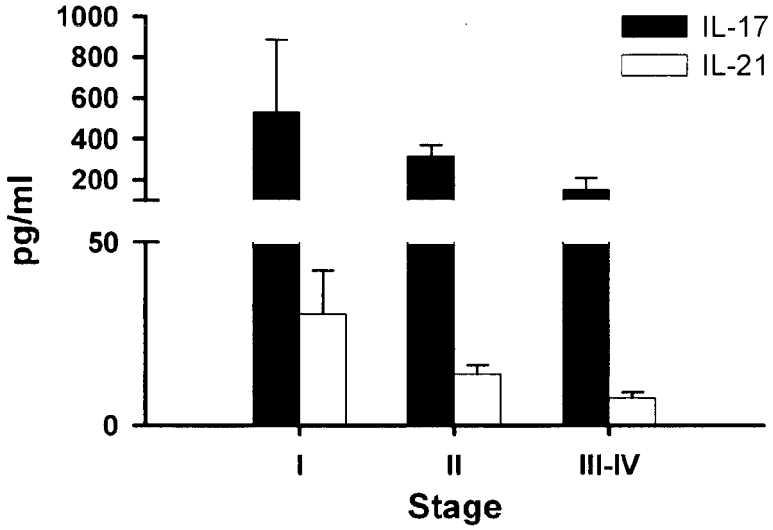
Figure 1


A
**
**
% of Th17 lymphocytes
25
20
15
10
5
0
I
II
III-IV
Stage
B
Stage I
Stage III
IFNγ
9.68
0.04
89.2
1.06
10.3
0.05
88.5
1.12
PBMC
17.8
3.17
60.8
18.2
46.0
0.43
51.1
2.38
Tumor tissue
IL-17

C


1000
800
600
400
200
50
0
pg/ml
IL-17
IL-21
I
II
III-IV
Stage

D

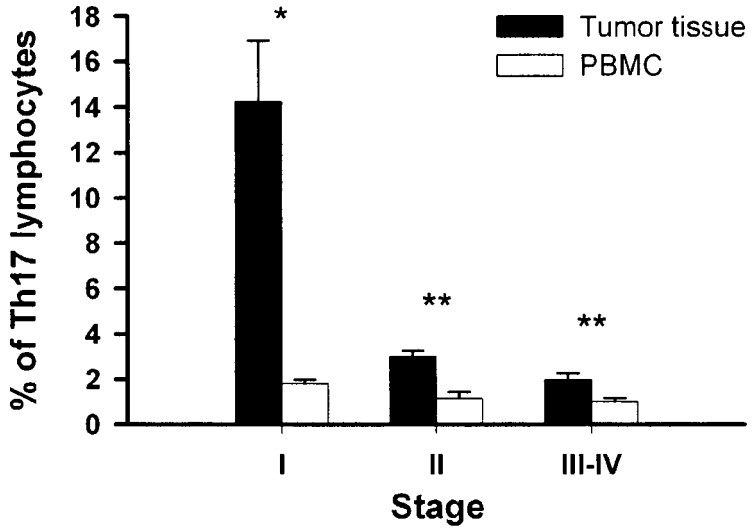
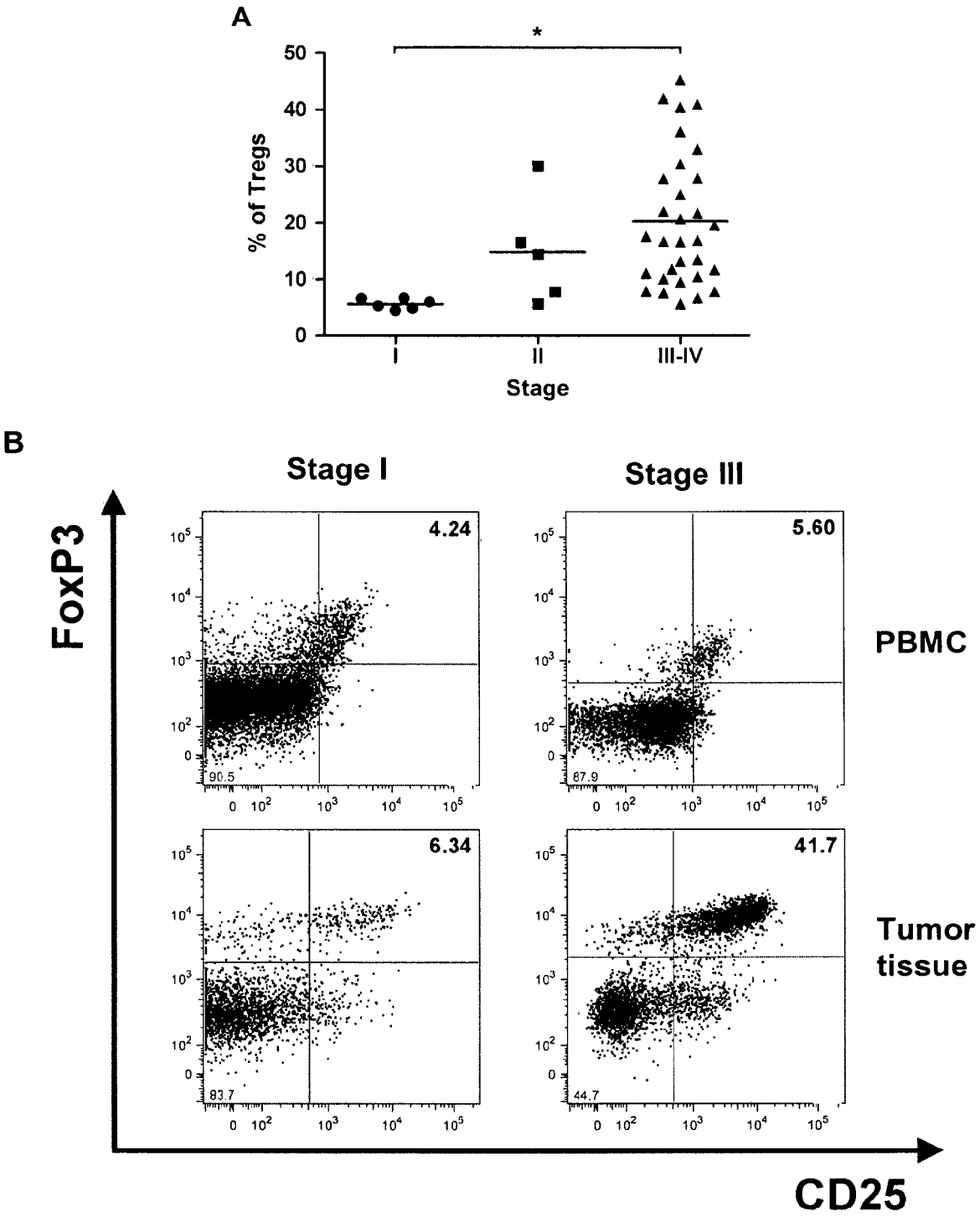
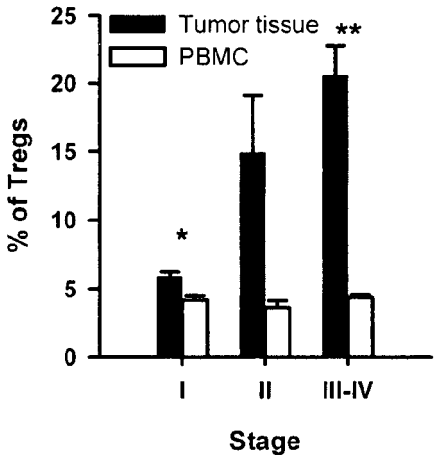

18
16
14
12
10
8
6
4
2
0
% of Th17 lymphocytes
*
**
**
Tumor tissue
PBMC
I
II
III-IV
Stage

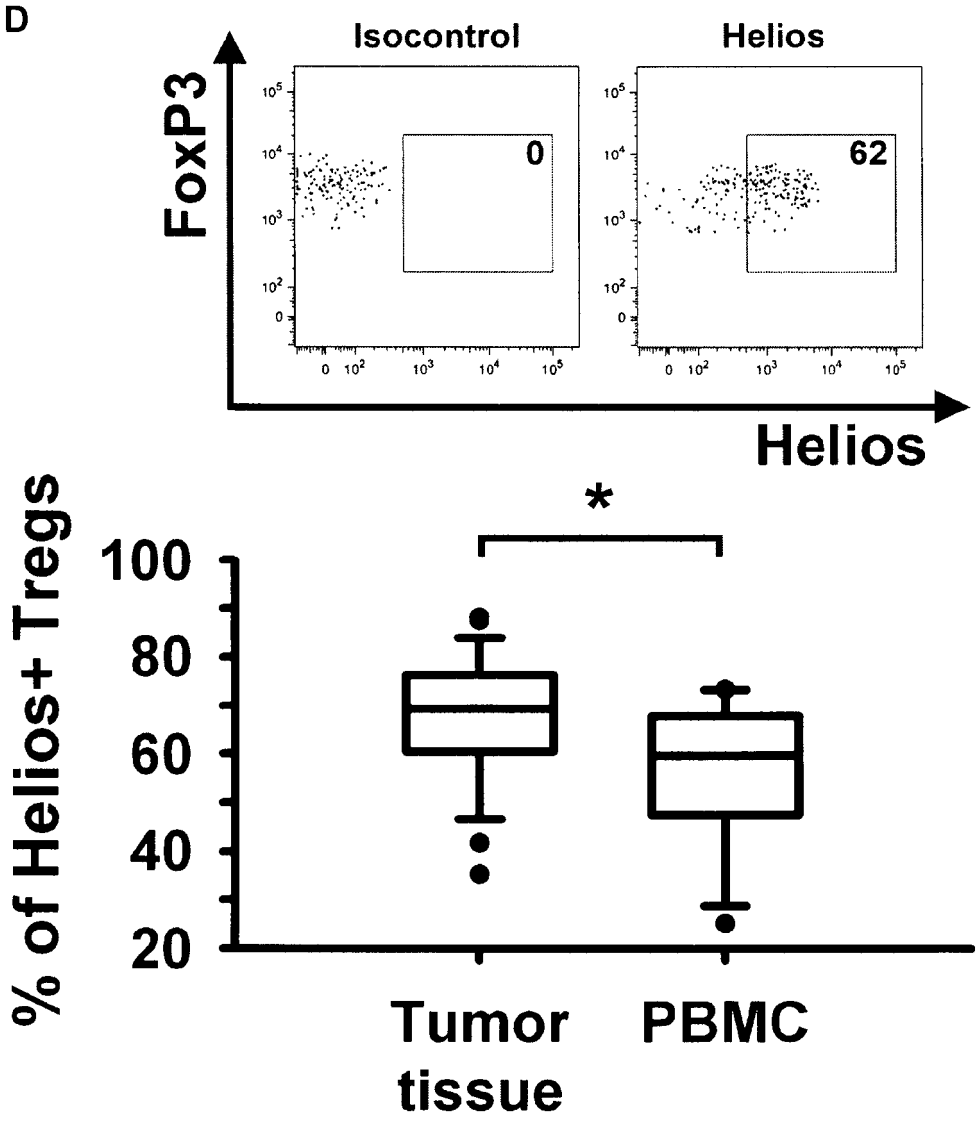
Figure 2


A
*
50
40
30
20
10
0
% of Tregs
I
II
III-IV
Stage
B
Stage I
Stage III
FoxP3
4.24
5.60
PBMC
6.34
41.7
Tumor tissue
90.5
87.9
83.7
44.7
CD25

C


25
20
15
10
5
0
% of Tregs
Tumor tissue
PBMC
**
*
I
II
III-IV
Stage

D


Isocontrol
Helios
FoxP3
0
62
Helios
*
100
80
60
40
20
% of Helios+ Tregs
Tumor tissue
PBMC

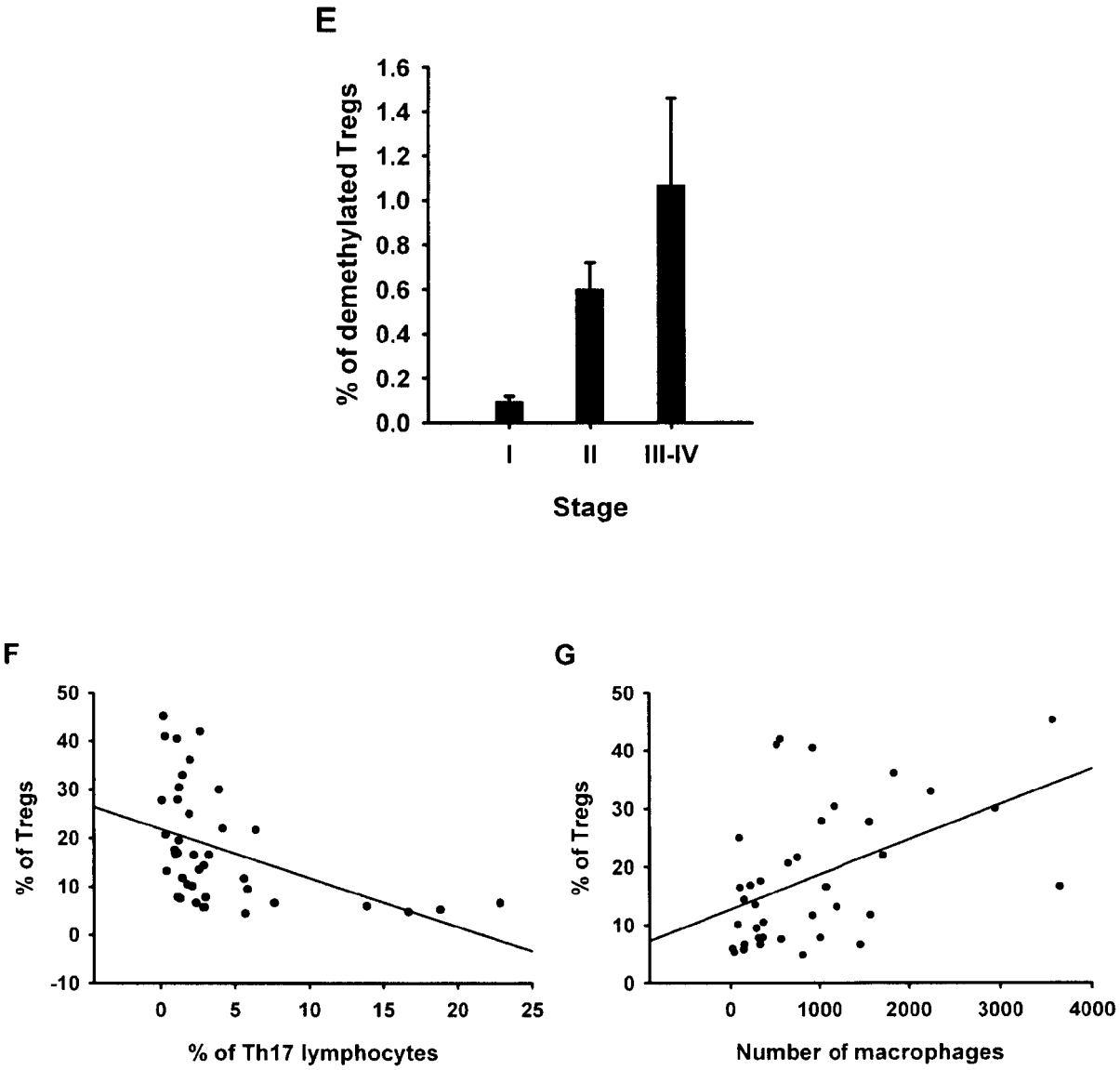

E
% of demethylated Tregs
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
I
II
III-IV
Stage
F
% of Tregs
50
40
30
20
10
0
-10
0
5
10
15
20
25
% of Th17 lymphocytes
G
% of Tregs
50
40
30
20
10
0
0
1000
2000
3000
4000
Number of macrophages

Figure 3

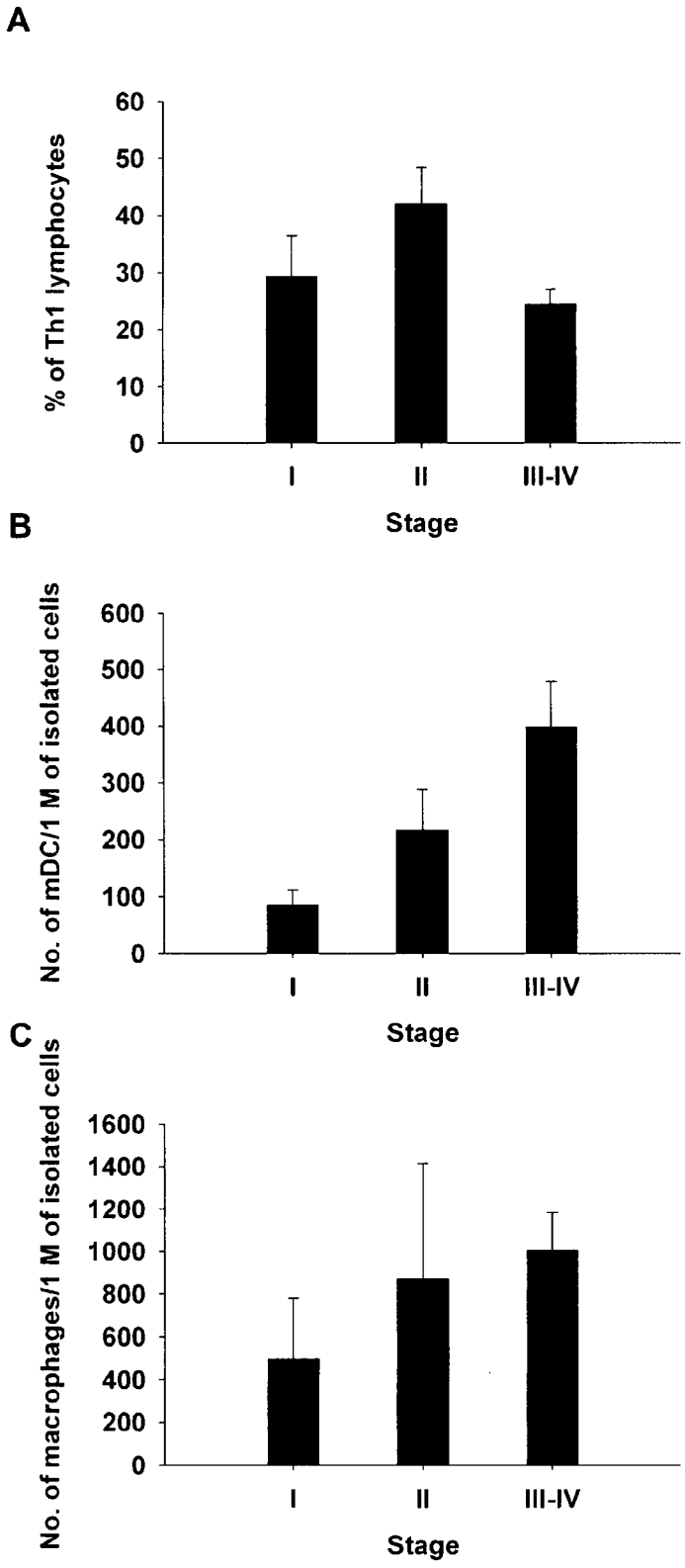

A
% of Th1 lymphocytes
60
50
40
30
20
10
0
I
II
III-IV
Stage
B
No. of mDC/1 M of isolated cells
600
500
400
300
200
100
0
I
II
III-IV
Stage
C
No. of macrophages/1 M of isolated cells
1600
1400
1200
1000
800
600
400
200
0
I
II
III-IV
Stage

Figure 4

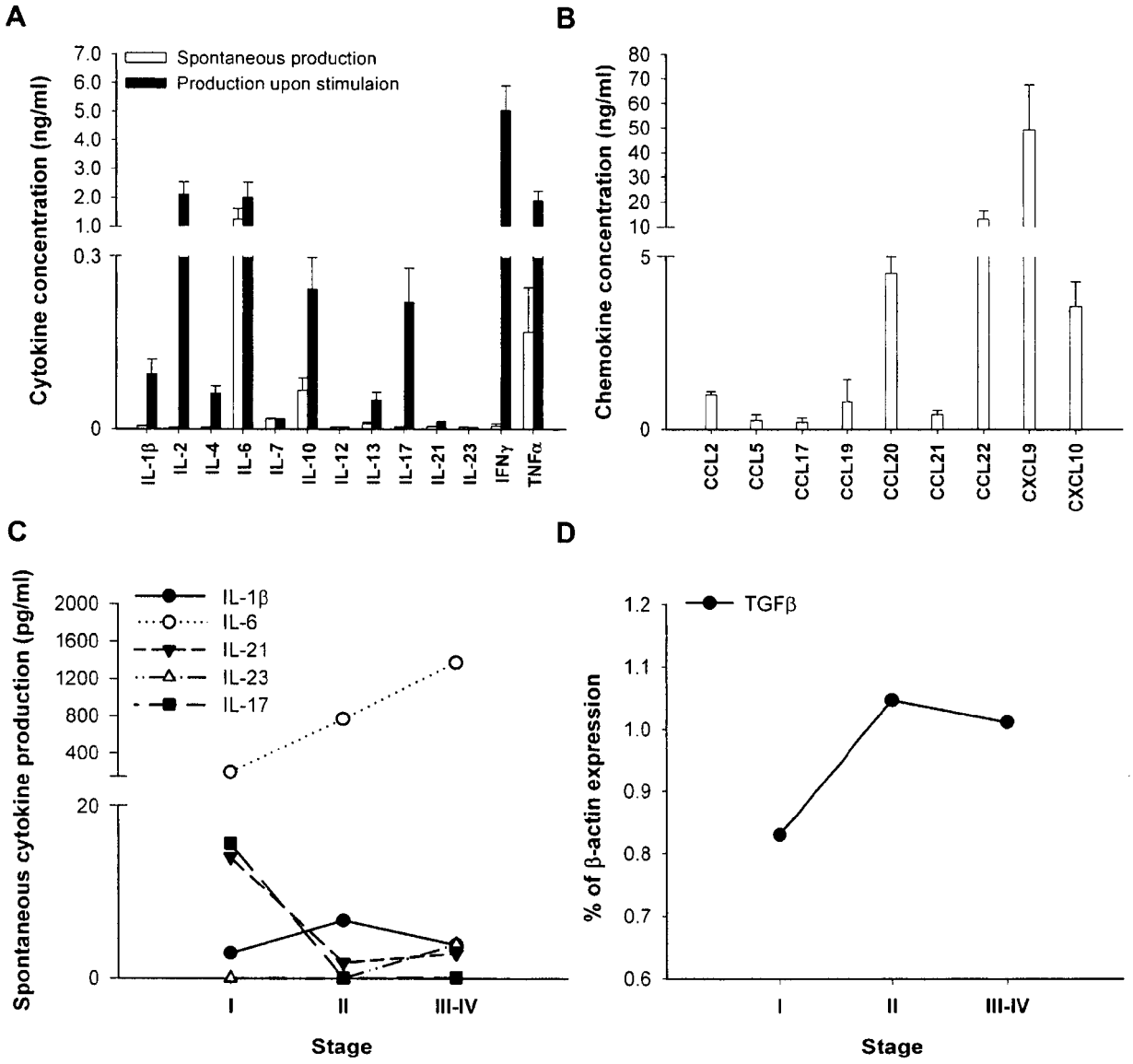
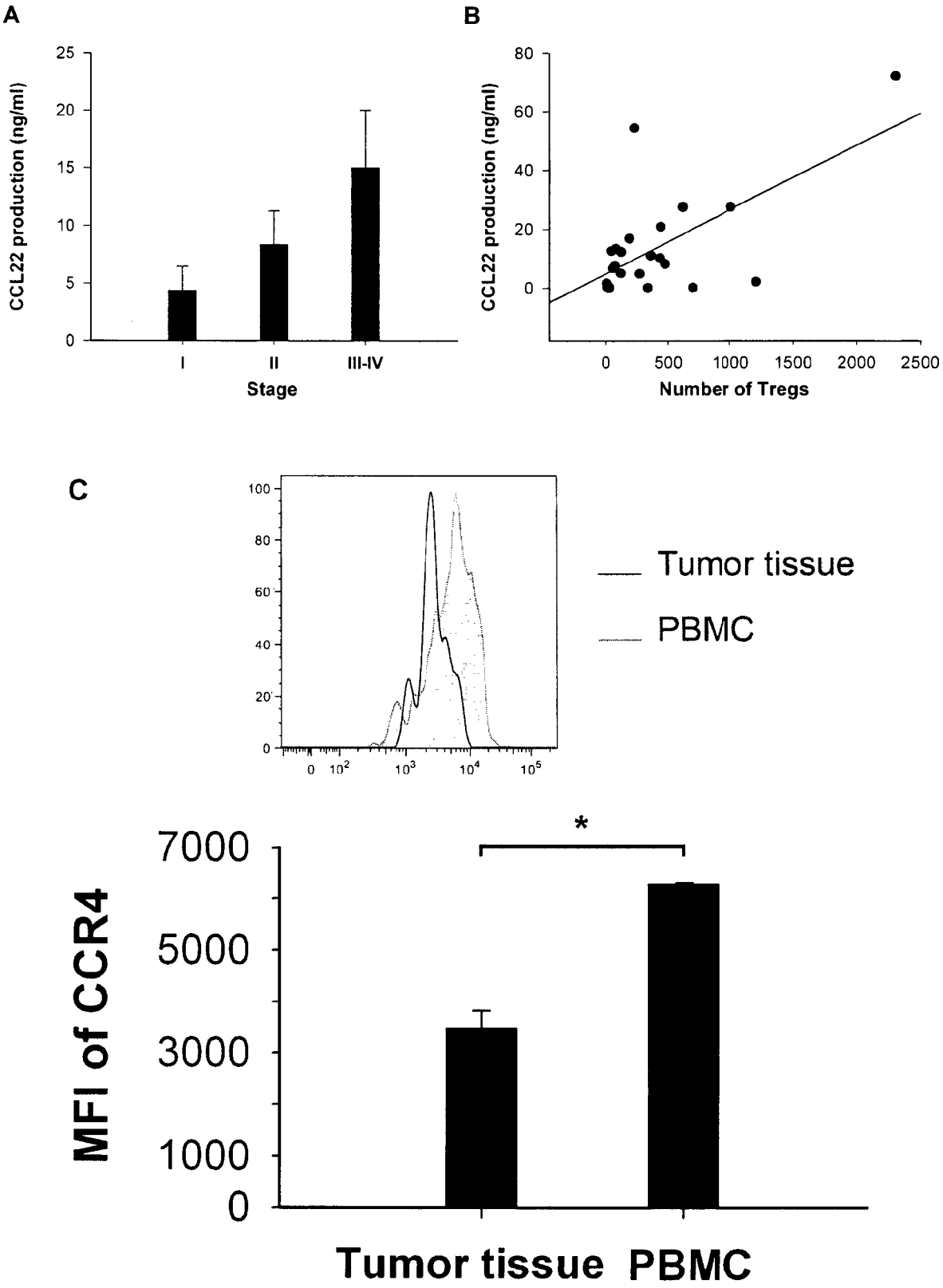
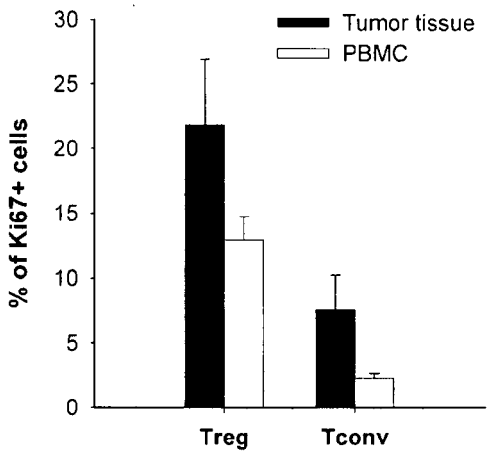

A
Spontaneous production
Production upon stimulaion
Cytokine concentration (ng/ml)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.3
0
IL-1β
IL-2
IL-4
IL-6
IL-7
IL-10
IL-12
IL-13
IL-17
IL-21
IL-23
IFNγ
TNFα
B
Chemokine concentration (ng/ml)
80
70
60
50
40
30
20
10
5
0
CCL2
CCL5
CCL17
CCL19
CCL20
CCL21
CCL22
CXCL9
CXCL10
C
Spontaneous cytokine production (pg/ml)
2000
1600
1200
800
400
20
0
IL-1β
IL-6
IL-21
IL-23
IL-17
I
II
III-IV
Stage
D
% of β-actin expression
1.2
1.1
1.0
0.9
0.8
0.7
0.6
TGFβ
I
II
III-IV
Stage

Figure 5


A
CCL22 production (ng/ml)
25
20
15
10
5
0
I
II
III-IV
Stage
B
CCL22 production (ng/ml)
80
60
40
20
0
0
500
1000
1500
2000
2500
Number of Tregs
C
100
80
60
40
20
0
0 10^2 10^3 10^4 10^5
Tumor tissue
PBMC
*
MFI of CCR4
7000
5000
3000
1000
0
Tumor tissue PBMC

D


Tumor tissue
PBMC
% of Ki67+ cells
30
25
20
15
10
5
0
Treg
Tconv

E

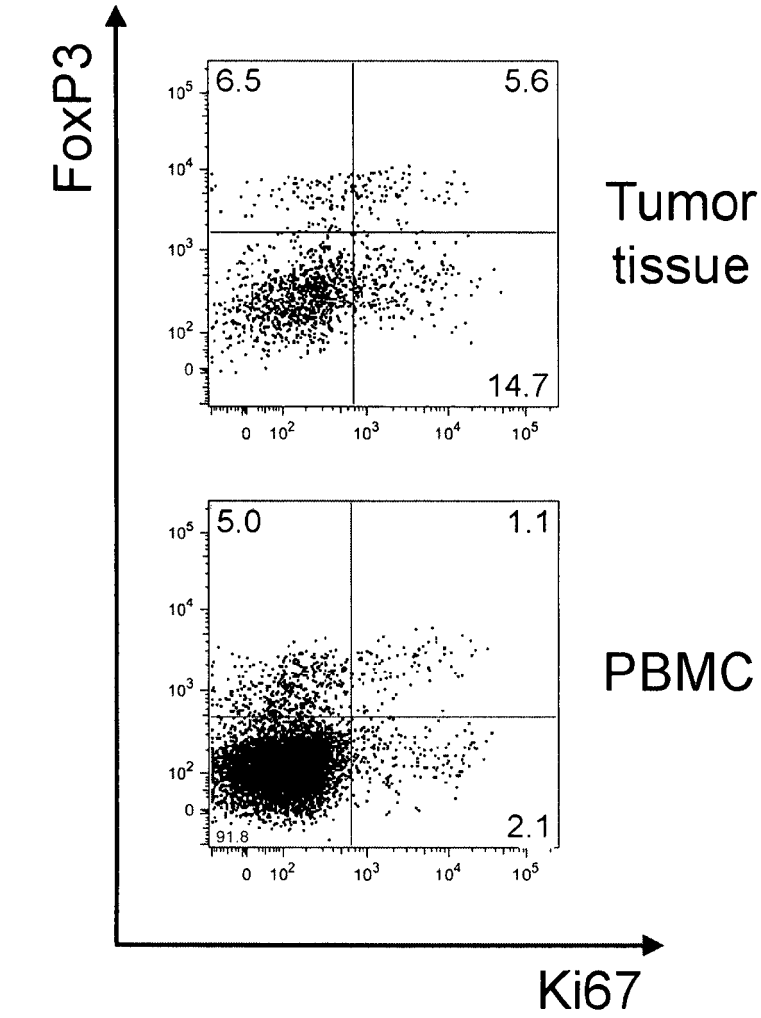
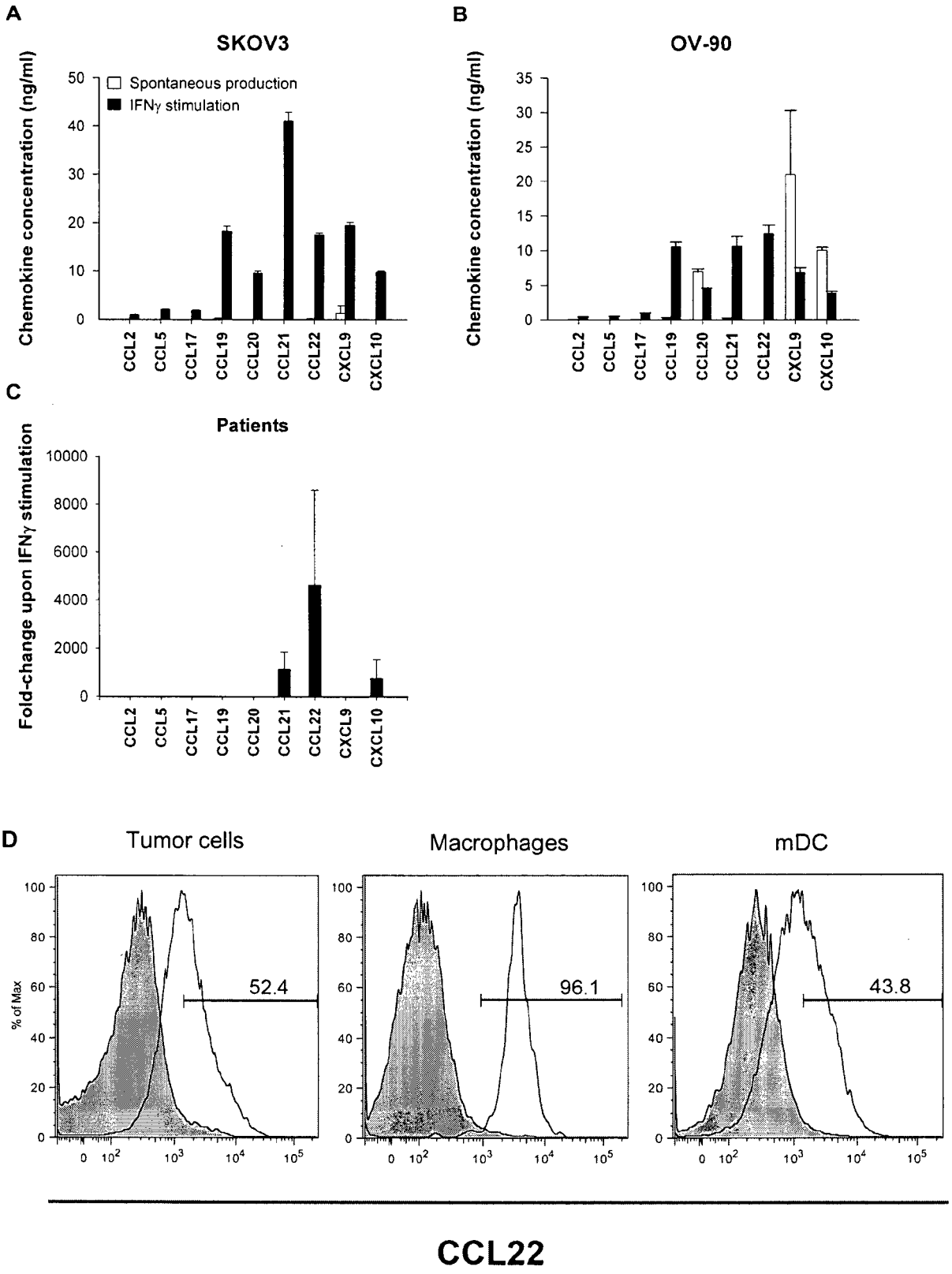
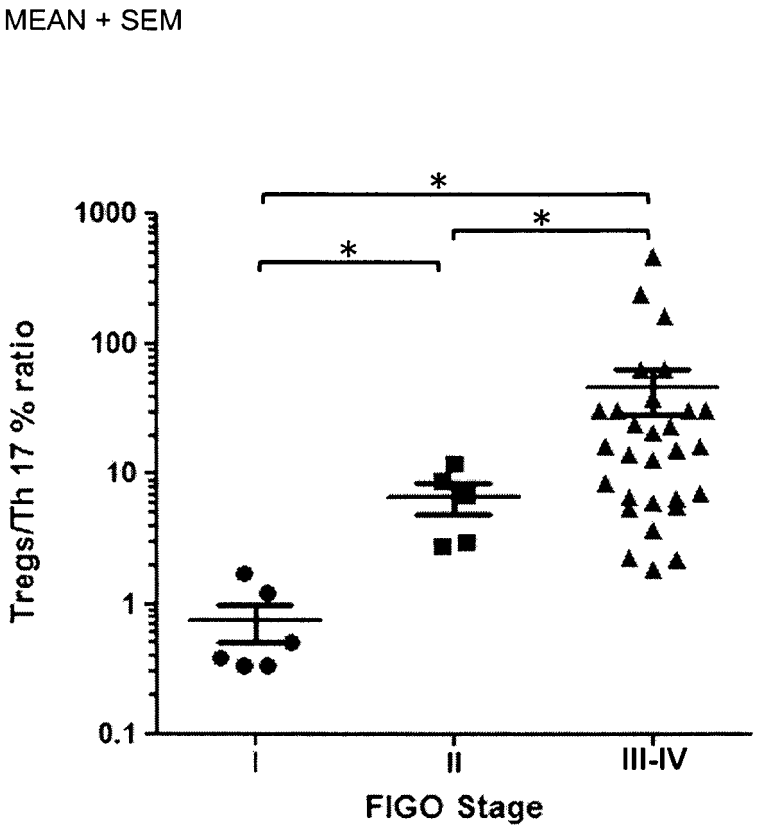

FoxP3
Ki67
6.5
5.6
14.7
Tumor tissue
5.0
1.1
2.1
91.8
PBMC

Figure 6



CCL22

Figure 7


MEAN + SEM
*
*
*
1000
100
10
1
0.1
Tregs/Th 17 % ratio
I
II
III-IV
FIGO Stage