Figure 1

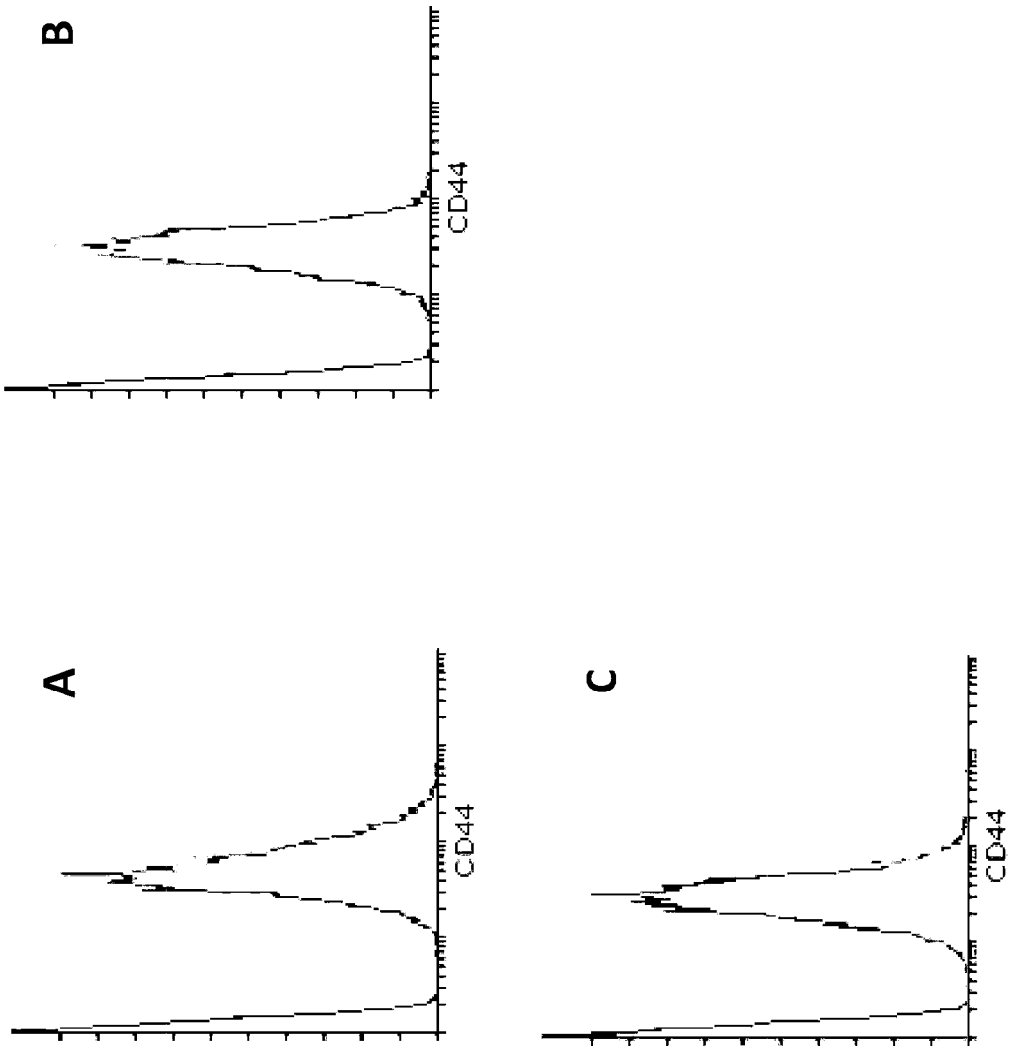


Figure 2

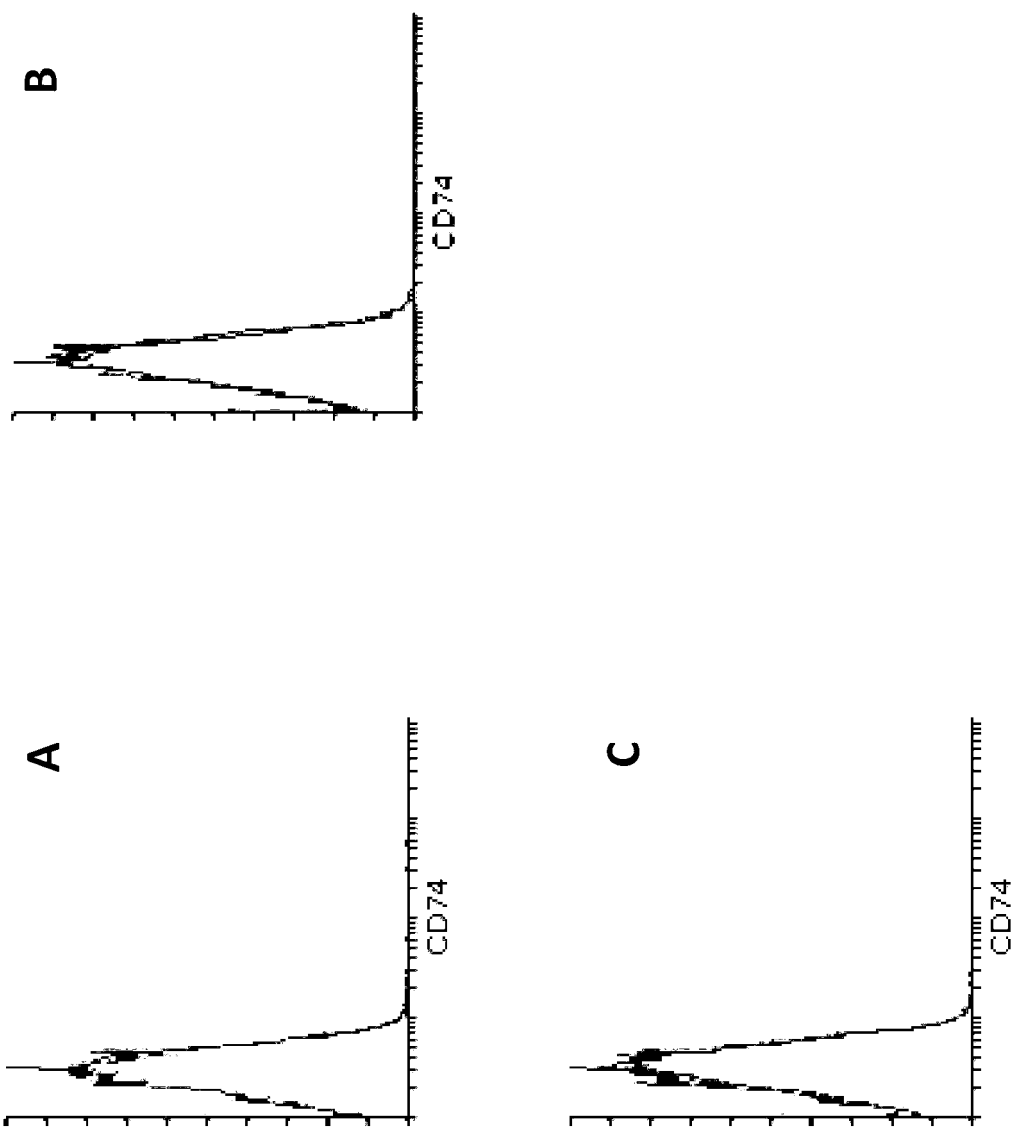


Figure 3

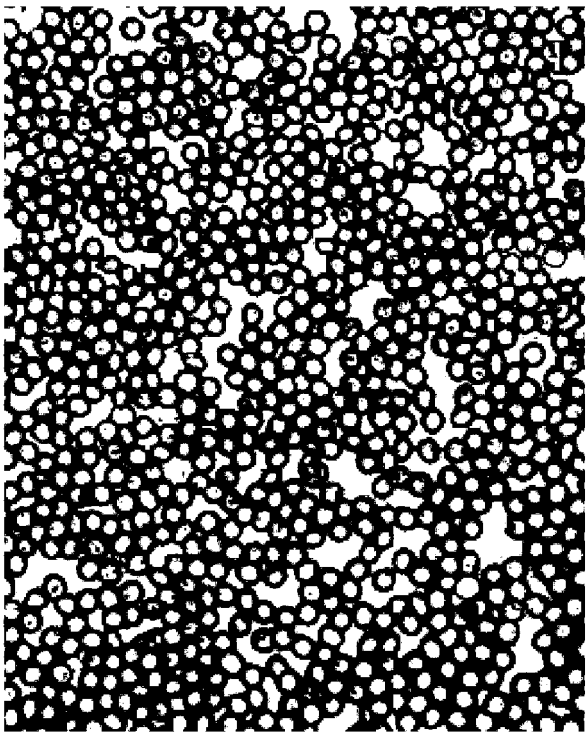


Figure 4

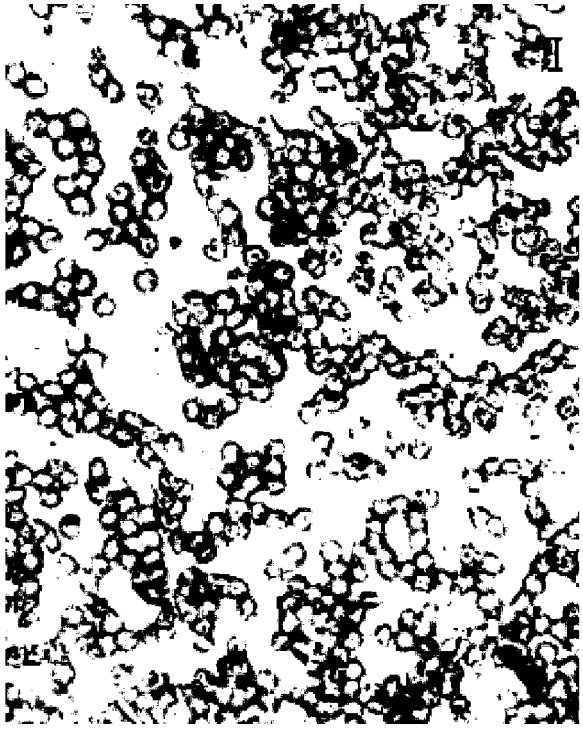


Figure 5



Figure 6



Figure 7

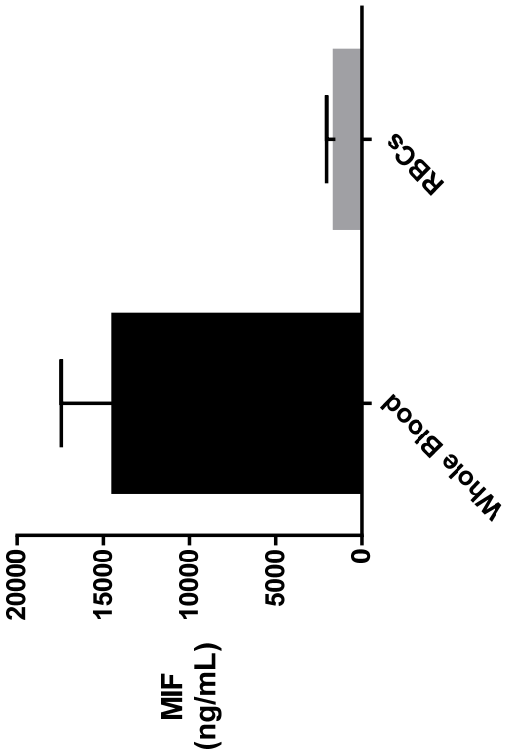


Figure 8

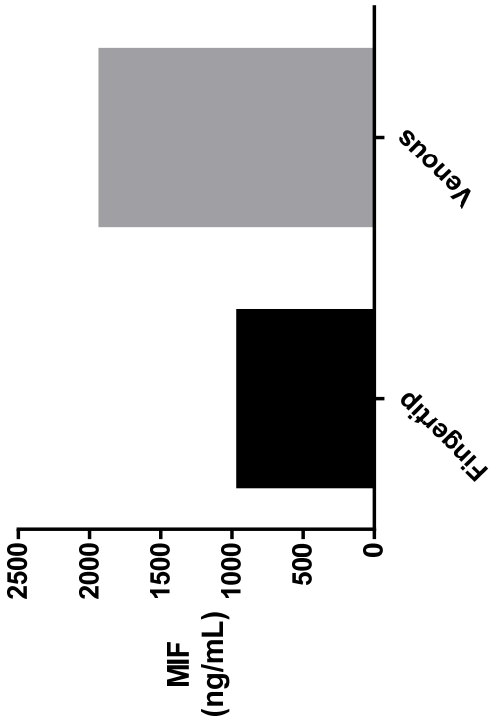


Figure 9

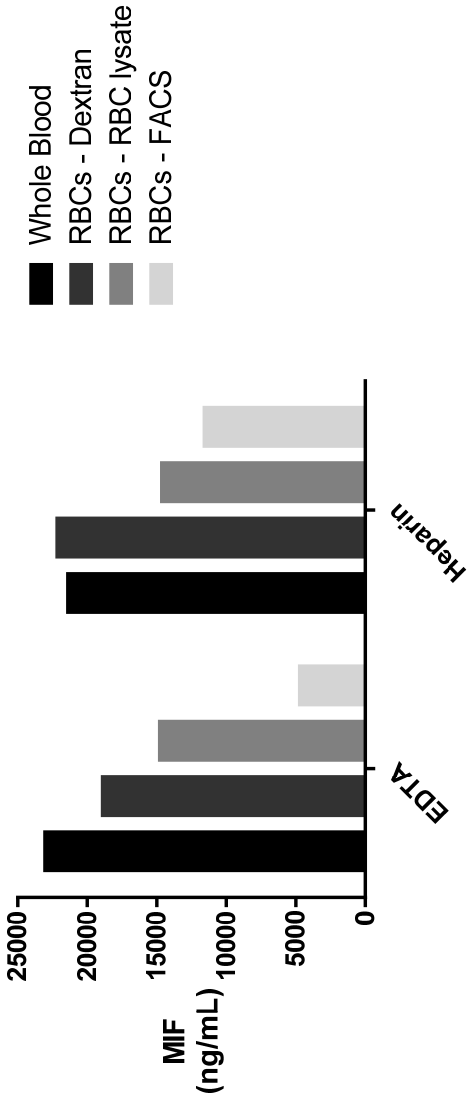

Whole Blood
RBCs - Dextran
RBCs - RBC lysate
RBCs - FACS
MIF (ng/mL)
25000
20000
15000
10000
5000
0
EDTA
Heparin

Figure 10

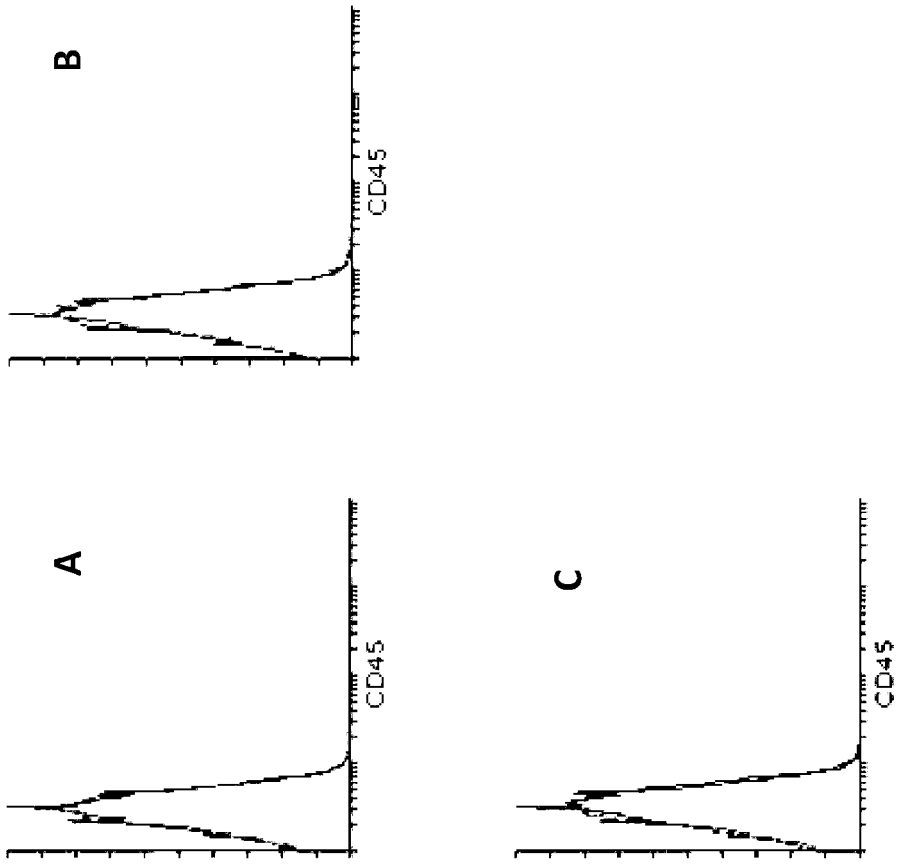


Figure 11

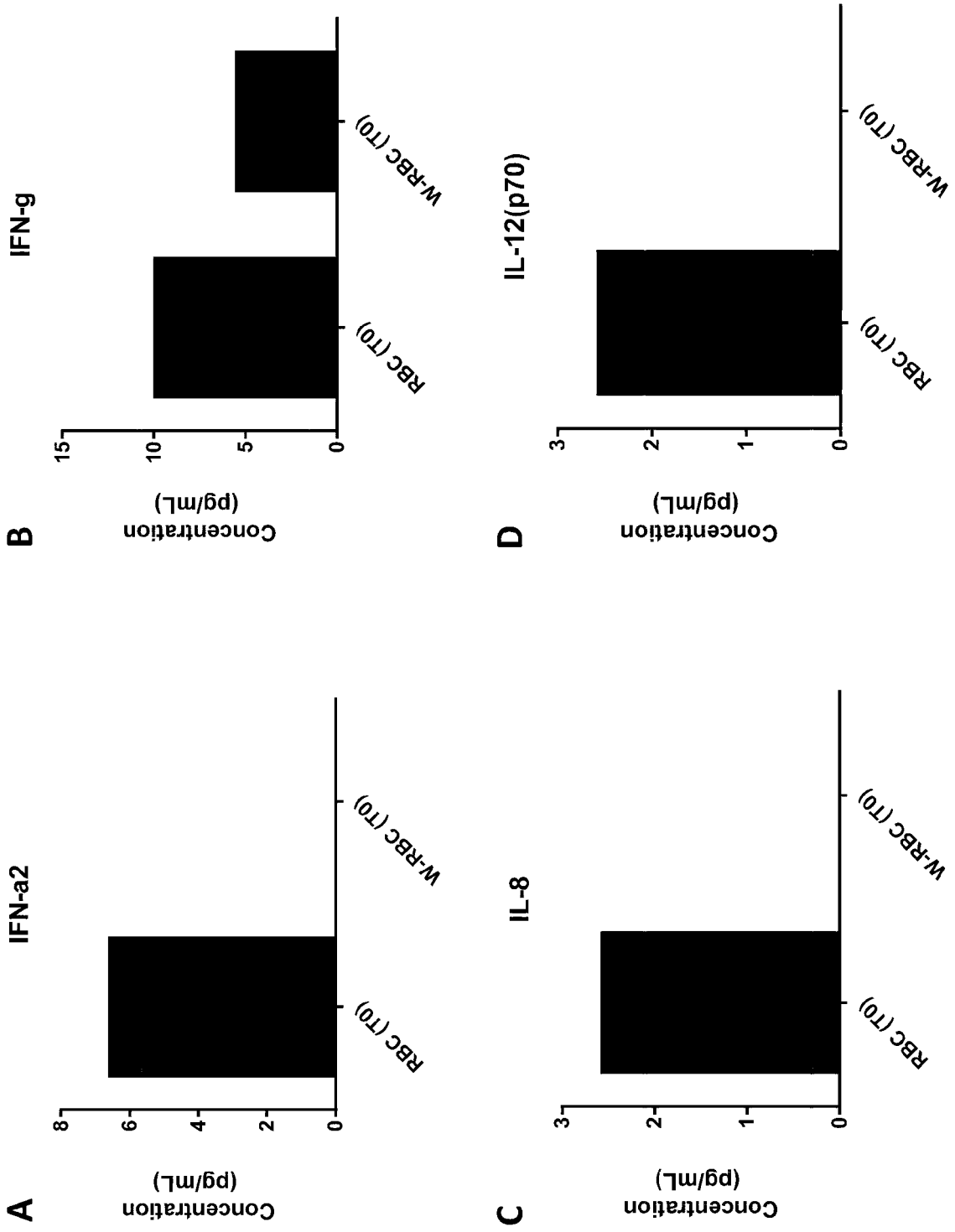

A
IFN-a2
Concentration (pg/mL)
0
2
4
6
8
RBC (T0)
W-RBC (T0)
B
IFN-g
Concentration (pg/mL)
0
5
10
15
RBC (T0)
W-RBC (T0)
C
IL-8
Concentration (pg/mL)
0
1
2
3
RBC (T0)
W-RBC (T0)
D
IL-12(p70)
Concentration (pg/mL)
0
1
2
3
RBC (T0)
W-RBC (T0)

Figure 11

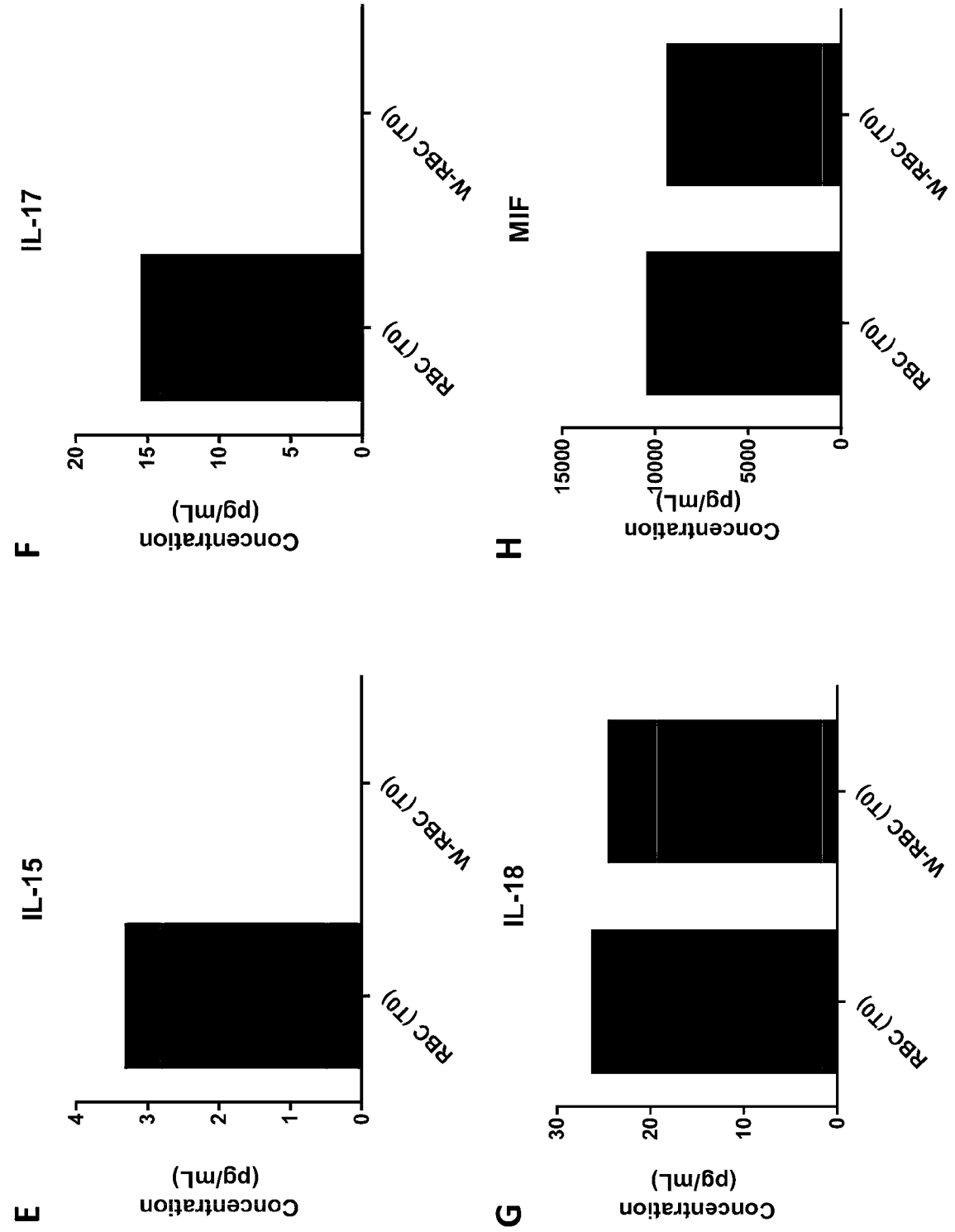

E
IL-15
Concentration (pg/mL)
0
1
2
3
4
RBC (T0)
W-RBC (T0)
F
IL-17
Concentration (pg/mL)
0
5
10
15
20
RBC (T0)
W-RBC (T0)
G
IL-18
Concentration (pg/mL)
0
10
20
30
RBC (T0)
W-RBC (T0)
H
MIF
Concentration (pg/mL)
0
5000
10000
15000
RBC (T0)
W-RBC (T0)

Figure 11

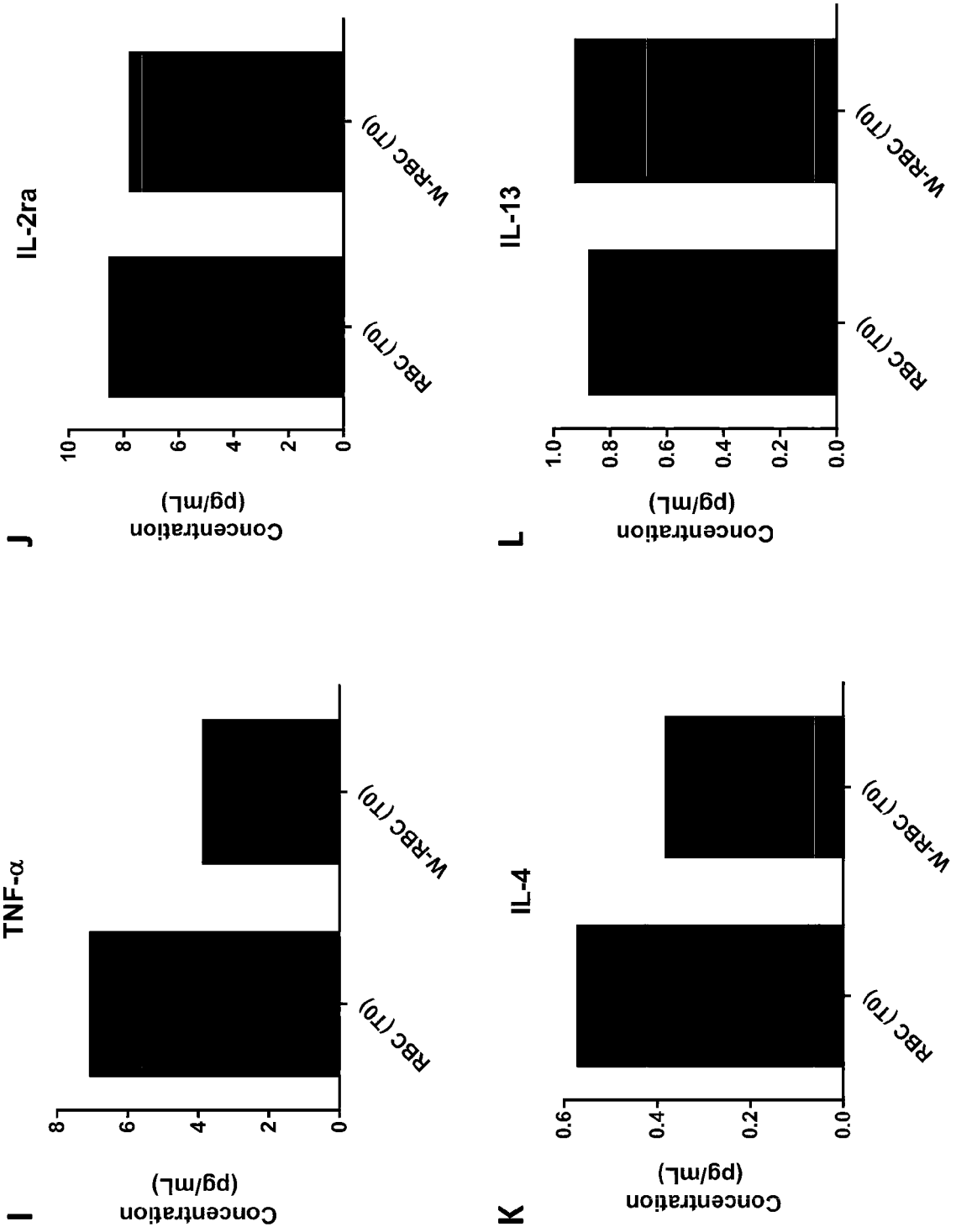

I
TNF-α
Concentration (pg/mL)
0
2
4
6
8
RBC (T0)
W-RBC (T0)
J
IL-2ra
Concentration (pg/mL)
0
2
4
6
8
10
RBC (T0)
W-RBC (T0)
K
IL-4
Concentration (pg/mL)
0.0
0.2
0.4
0.6
RBC (T0)
W-RBC (T0)
L
IL-13
Concentration (pg/mL)
0.0
0.2
0.4
0.6
0.8
1.0
RBC (T0)
W-RBC (T0)

Figure 11

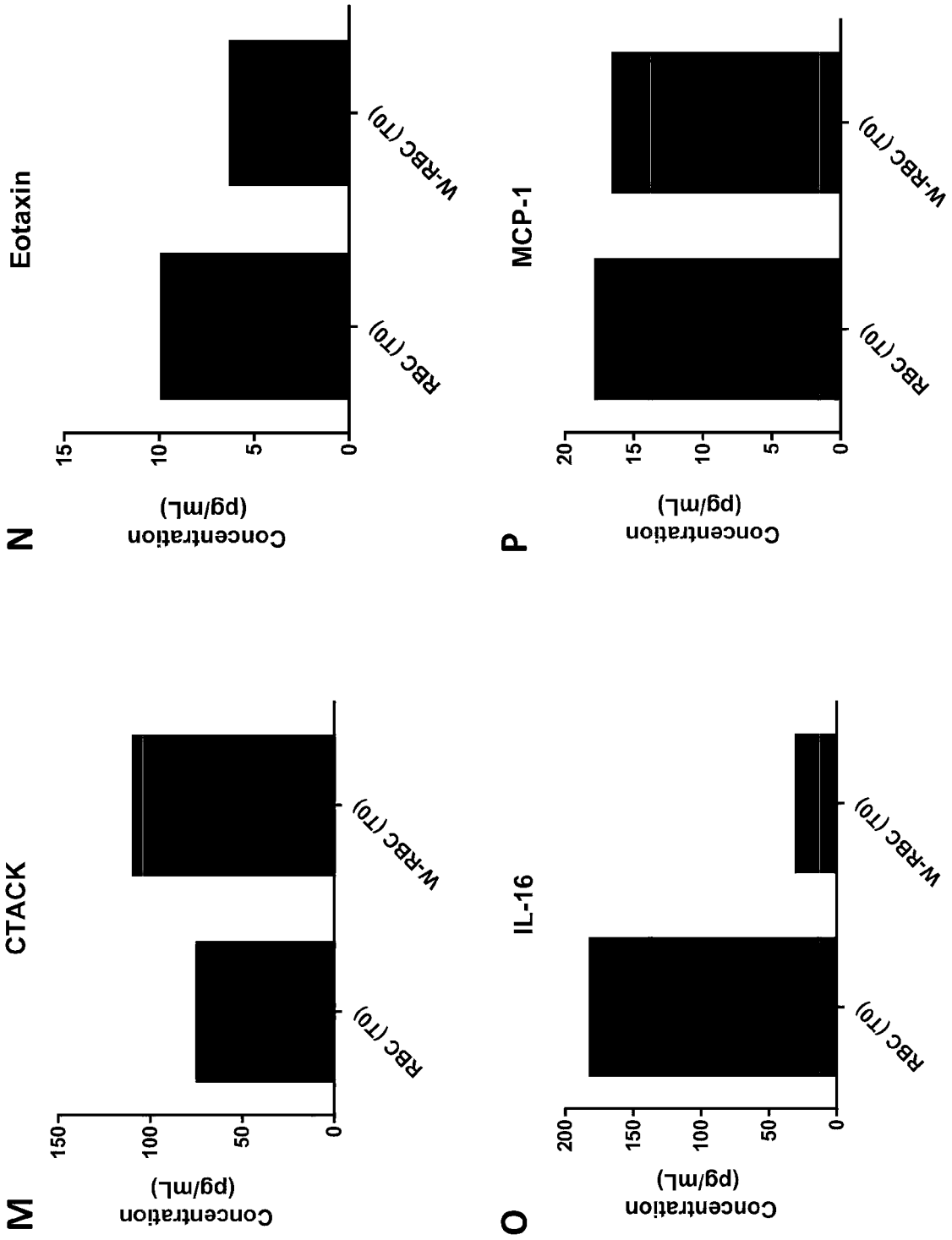

M
CTACK
Concentration (pg/mL)
0
50
100
150
RBC (T0)
W-RBC (T0)
N
Eotaxin
Concentration (pg/mL)
0
5
10
15
RBC (T0)
W-RBC (T0)
O
IL-16
Concentration (pg/mL)
0
50
100
150
200
RBC (T0)
W-RBC (T0)
P
MCP-1
Concentration (pg/mL)
0
5
10
15
20
RBC (T0)
W-RBC (T0)

Figure 11

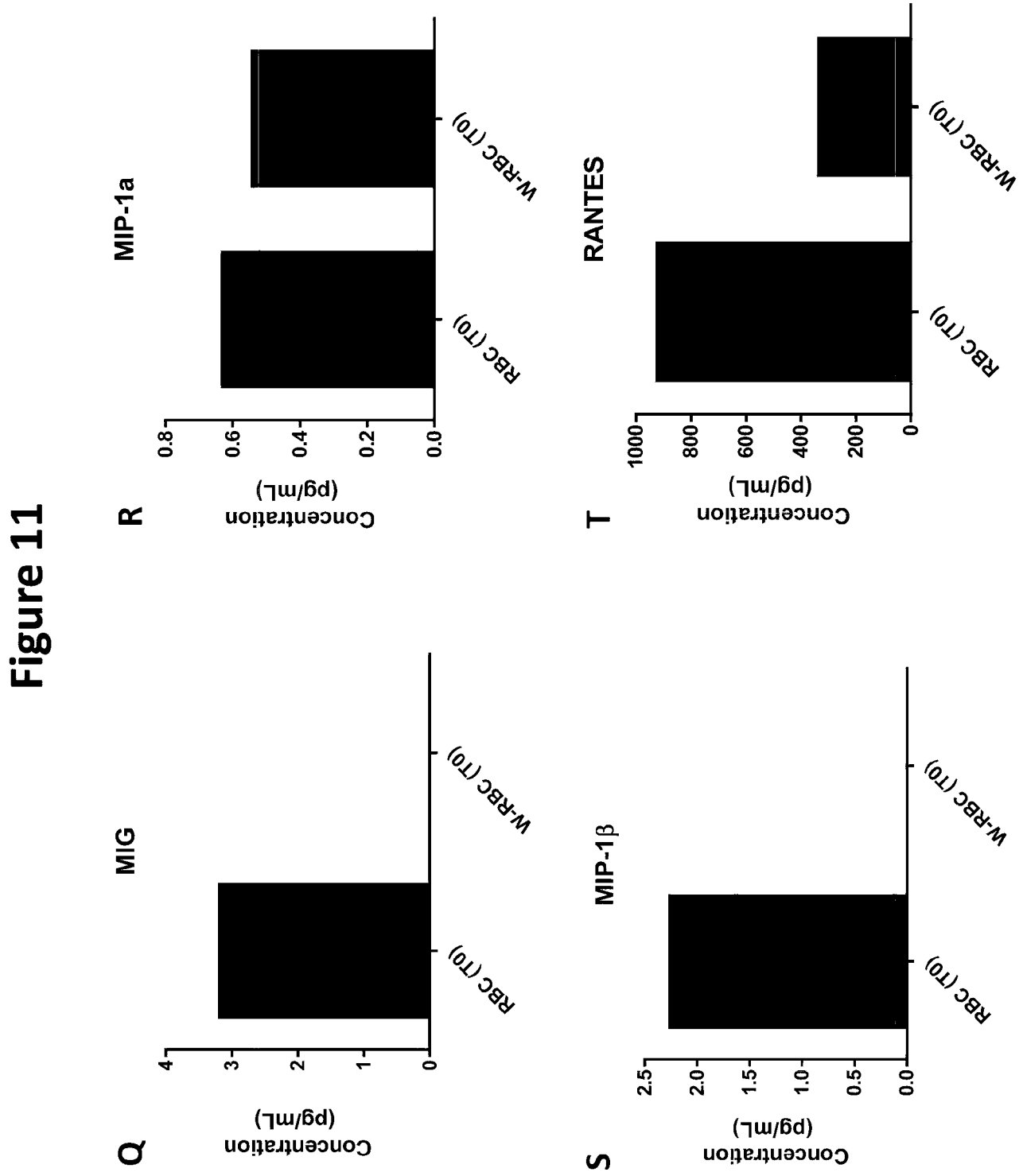

Q
MIG
Concentration (pg/mL)
0
1
2
3
4
RBC (T0)
W.RBC (T0)
R
MIP-1a
Concentration (pg/mL)
0.0
0.2
0.4
0.6
0.8
RBC (T0)
W.RBC (T0)
S
MIP-1β
Concentration (pg/mL)
0.0
0.5
1.0
1.5
2.0
2.5
RBC (T0)
W.RBC (T0)
T
RANTES
Concentration (pg/mL)
0
200
400
600
800
1000
RBC (T0)
W.RBC (T0)

Figure 11

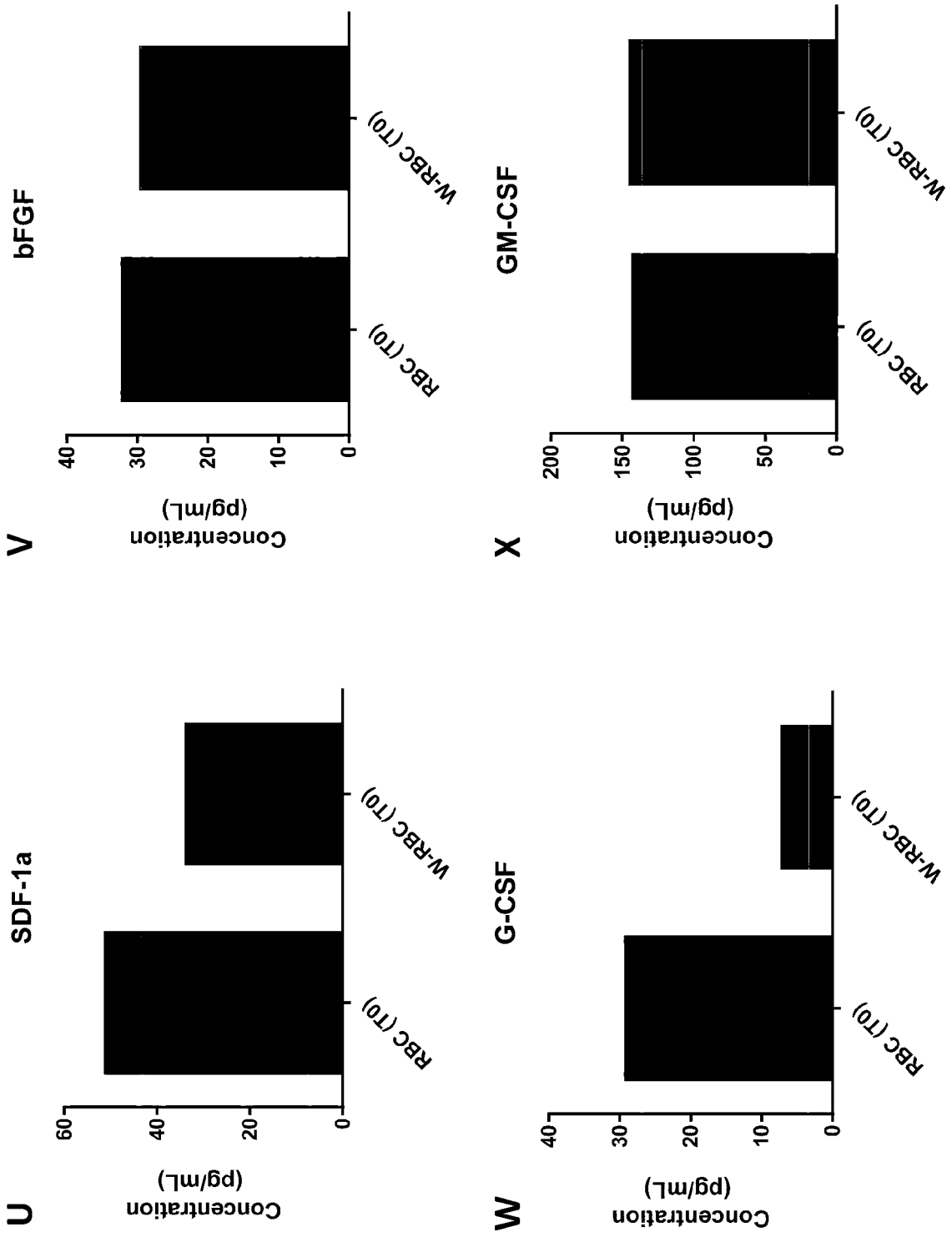

U
SDF-1a
Concentration (pg/mL)
0
20
40
60
RBC (T0)
W-RBC (T0)
V
bFGF
Concentration (pg/mL)
0
10
20
30
40
RBC (T0)
W-RBC (T0)
W
G-CSF
Concentration (pg/mL)
0
10
20
30
40
RBC (T0)
W-RBC (T0)
X
GM-CSF
Concentration (pg/mL)
0
50
100
150
200
RBC (T0)
W-RBC (T0)

Figure 11

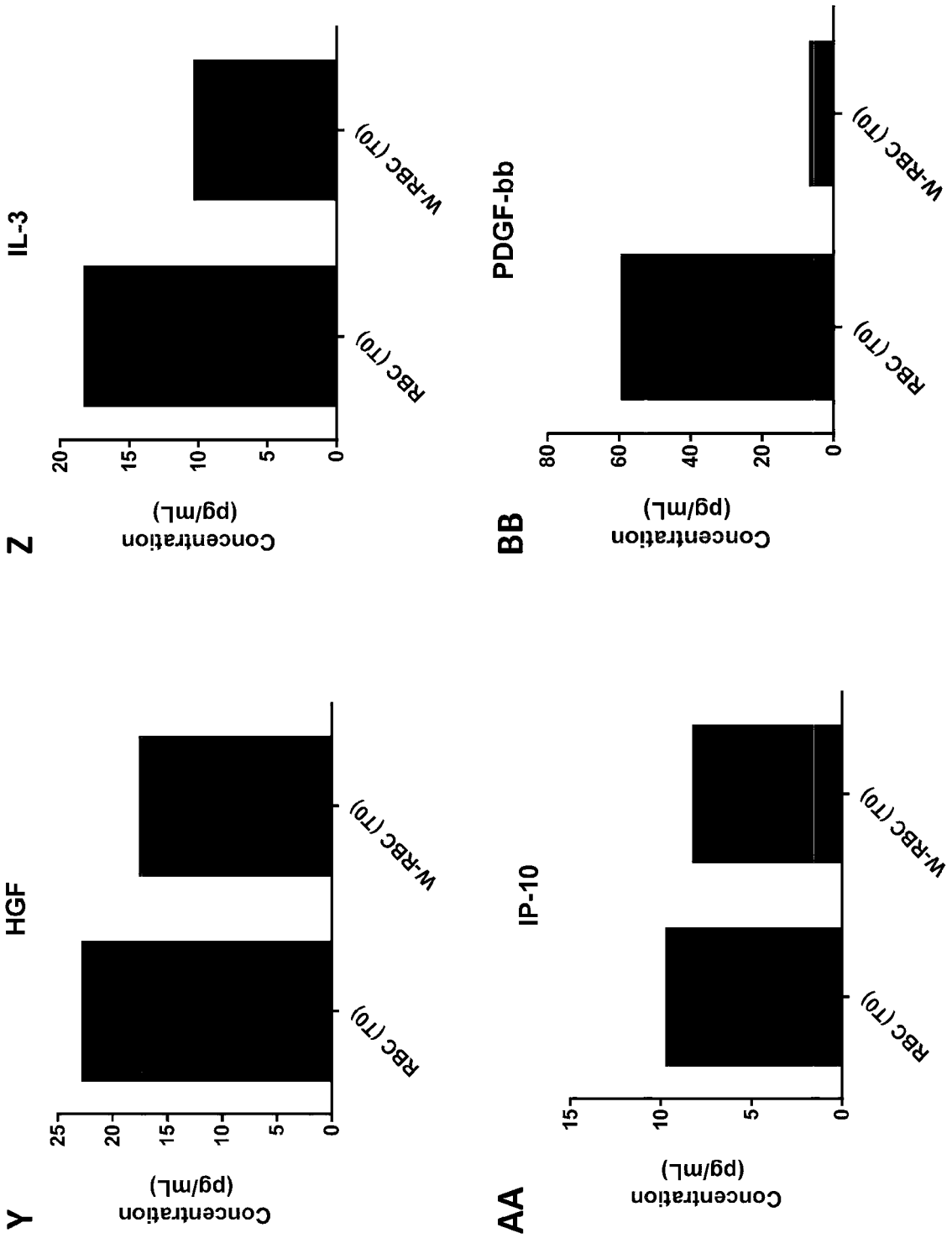

Y
HGF
Concentration (pg/mL)
0
5
10
15
20
25
RBC (T0)
W-RBC (T0)
Z
IL-3
Concentration (pg/mL)
0
5
10
15
20
RBC (T0)
W-RBC (T0)
AA
IP-10
Concentration (pg/mL)
0
5
10
15
RBC (T0)
W-RBC (T0)
BB
PDGF-bb
Concentration (pg/mL)
0
20
40
60
80
RBC (T0)
W-RBC (T0)

Figure 11

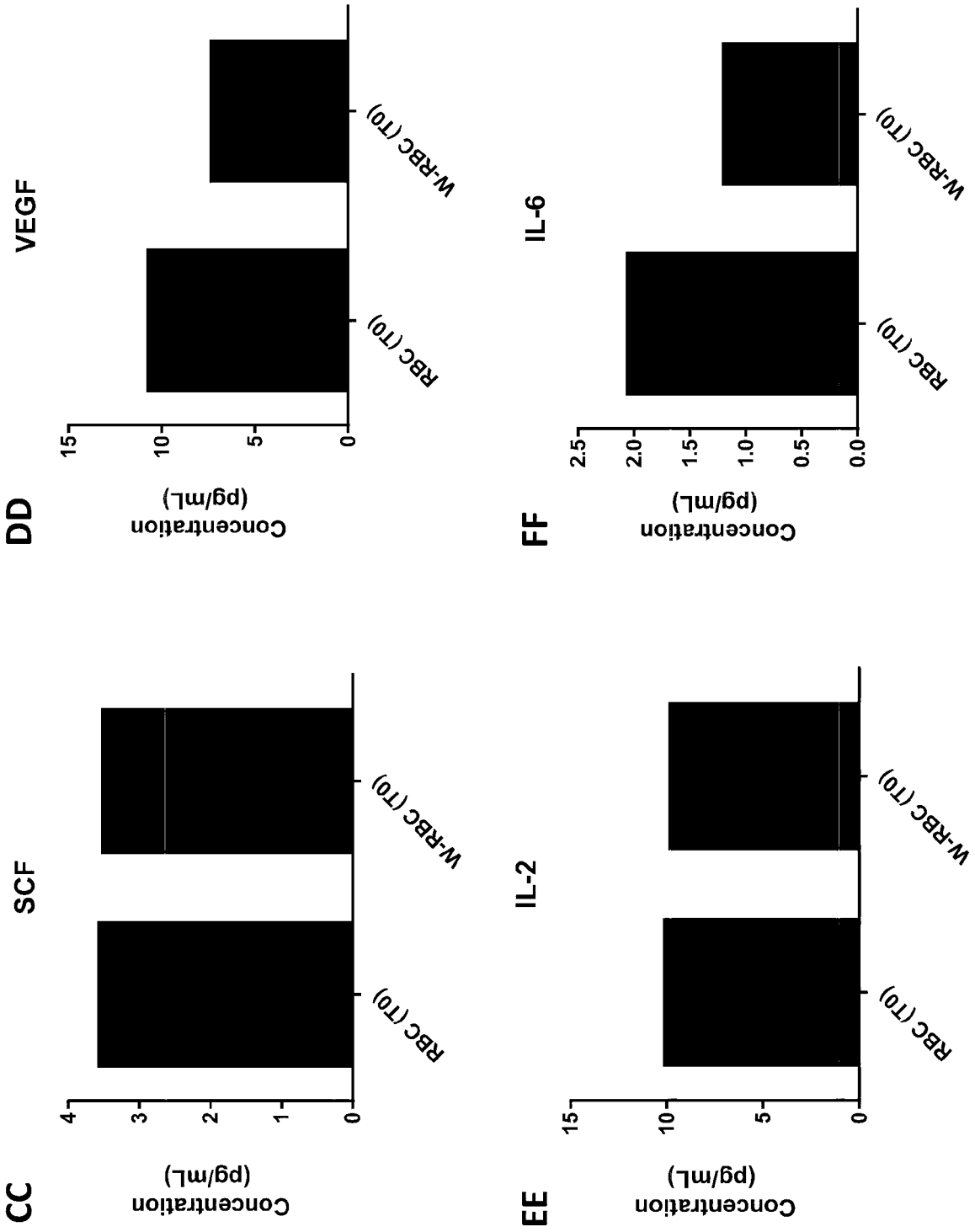

CC
SCF
Concentration (pg/mL)
0
1
2
3
4
RBC (T0)
W-RBC (T0)
DD
VEGF
Concentration (pg/mL)
0
5
10
15
RBC (T0)
W-RBC (T0)
EE
IL-2
Concentration (pg/mL)
0
5
10
15
RBC (T0)
W-RBC (T0)
FF
IL-6
Concentration (pg/mL)
0.0
0.5
1.0
1.5
2.0
2.5
RBC (T0)
W-RBC (T0)

Figure 11

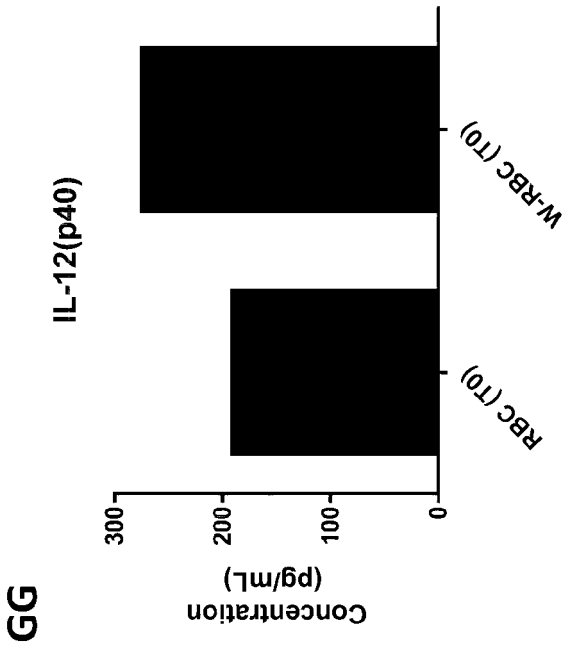


Figure 12

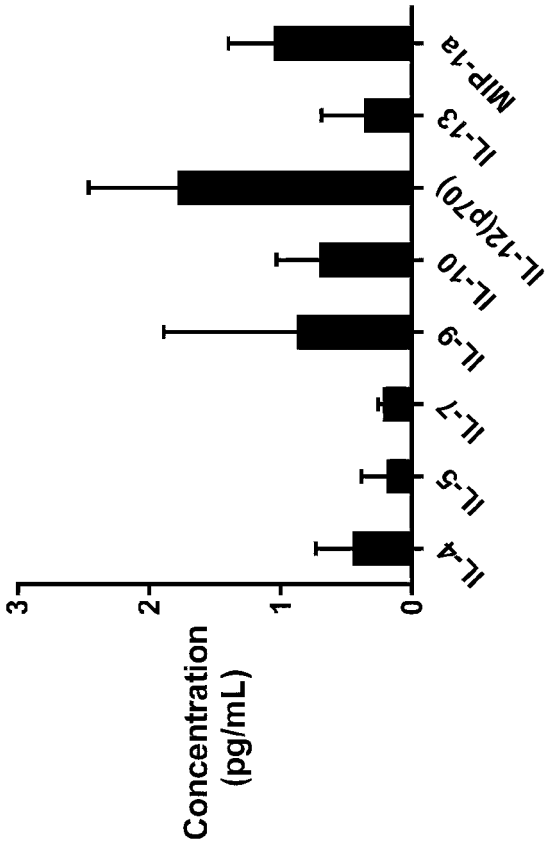

Concentration (pg/mL)
0
1
2
3
IL-4
IL-5
IL-7
IL-9
IL-10
IL-12(p70)
IL-13
MIP-1a

Figure 13

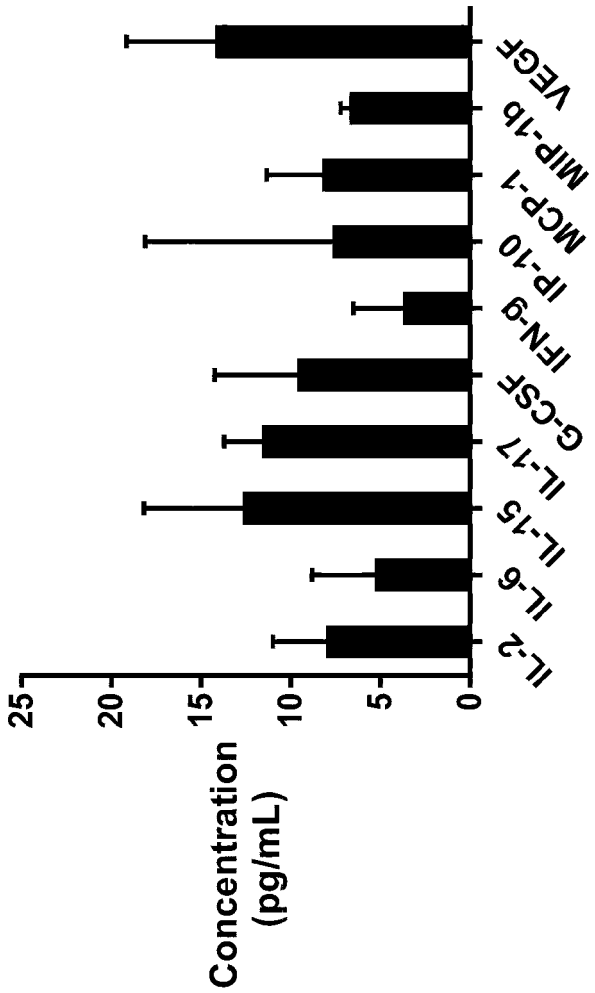

Concentration (pg/mL)
0
5
10
15
20
25
IL-2
IL-6
IL-15
IL-17
G-CSF
IFN-g
IP-10
MCP-1
MIP-1b
VEGF

Figure 14

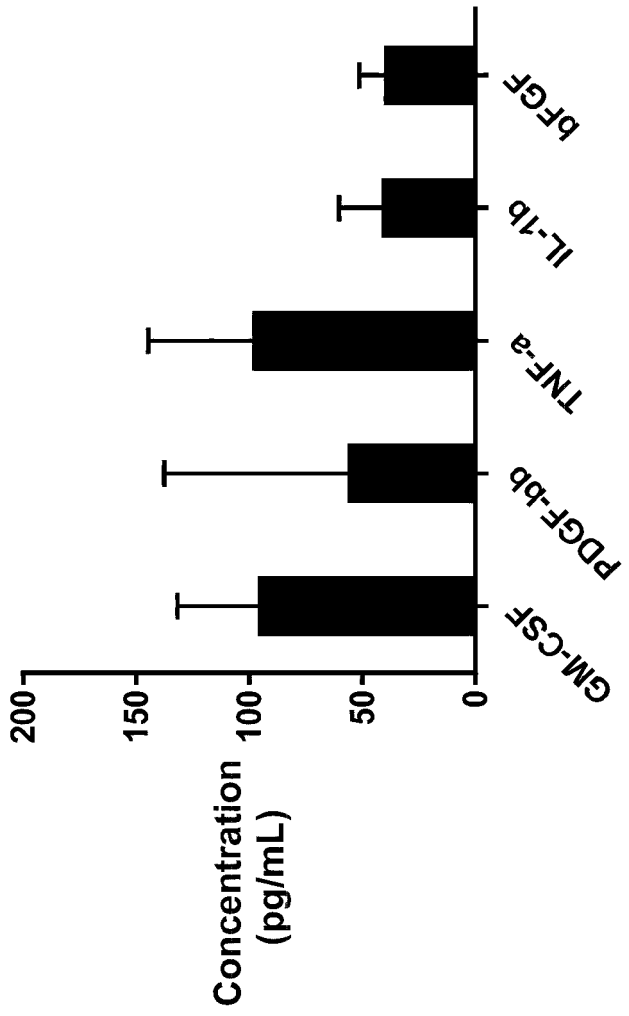

Concentration (pg/mL)
200
150
100
50
0
GM-CSF
PDGF-bb
TNF-a
IL-1b
bFGF

Figure 15

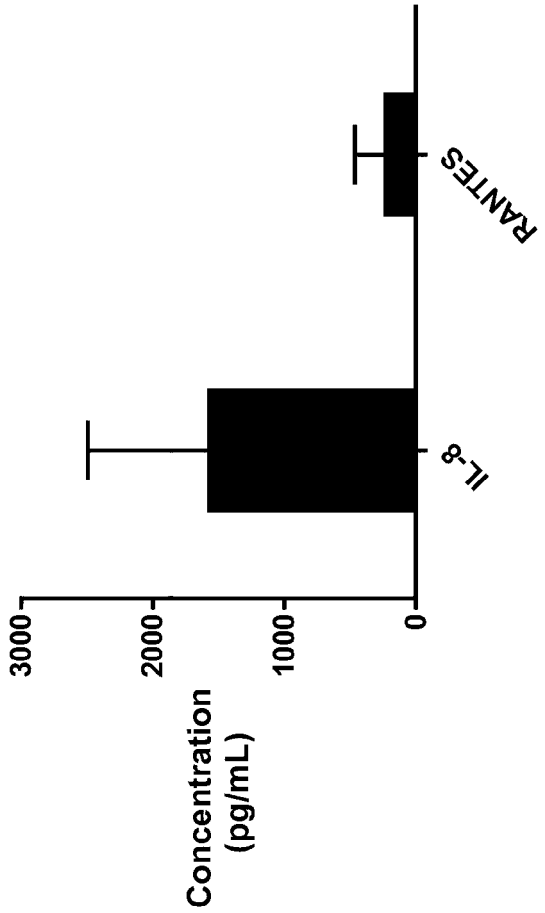


Figure 16

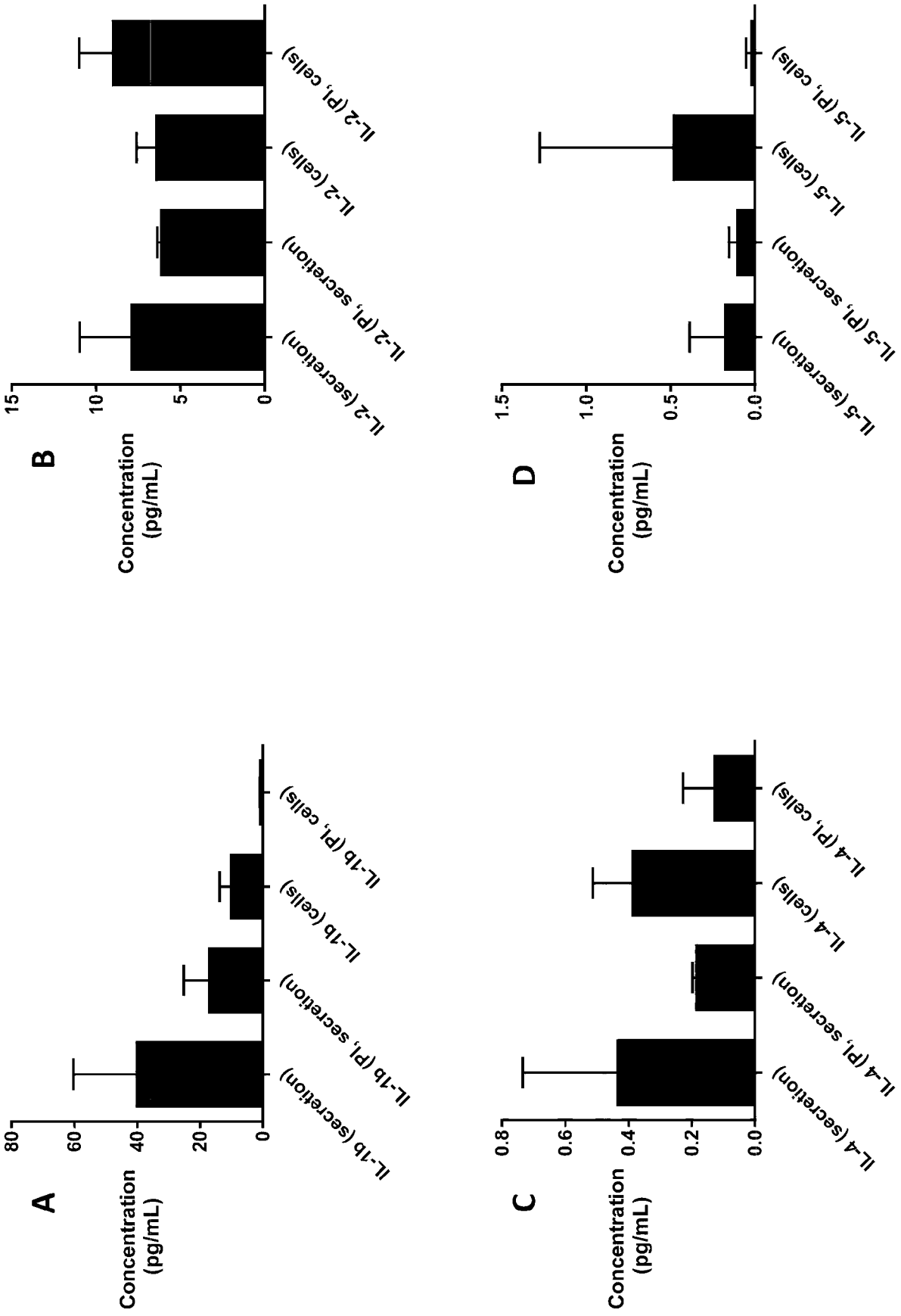

A
Concentration (pg/mL)
80
60
40
20
0
IL-1b (secretion)
IL-1b (PI, secretion)
IL-1b (cells)
IL-1b (PI, cells)
B
Concentration (pg/mL)
15
10
5
0
IL-2 (secretion)
IL-2 (PI, secretion)
IL-2 (cells)
IL-2 (PI, cells)
C
Concentration (pg/mL)
0.8
0.6
0.4
0.2
0.0
IL-4 (secretion)
IL-4 (PI, secretion)
IL-4 (cells)
IL-4 (PI, cells)
D
Concentration (pg/mL)
1.5
1.0
0.5
0.0
IL-5 (secretion)
IL-5 (PI, secretion)
IL-5 (cells)
IL-5 (PI, cells)

Figure 16

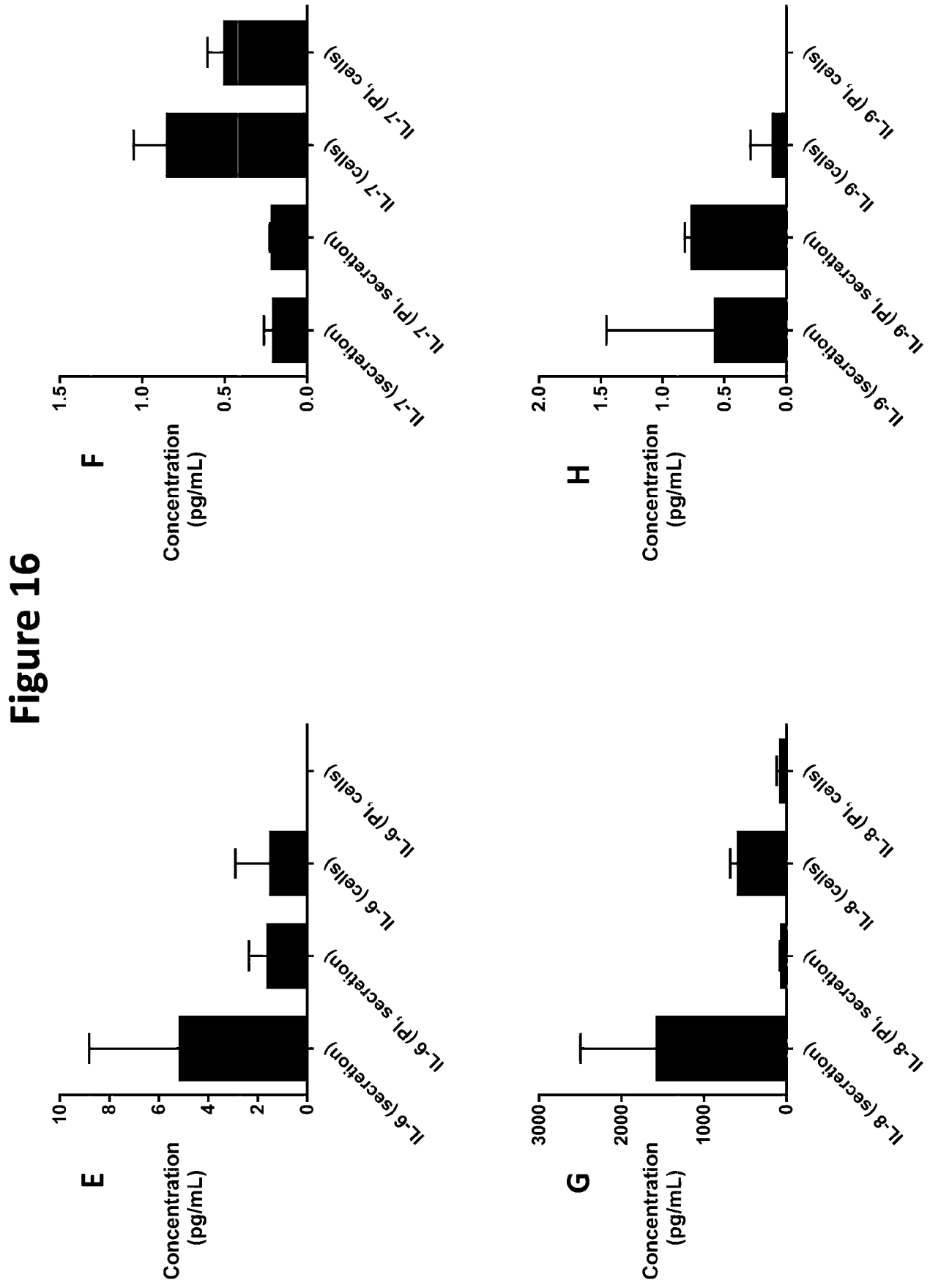

E
Concentration (pg/mL)
0
2
4
6
8
10
IL-6 (secretion)
IL-6 (Pi, secretion)
IL-6 (cells)
IL-6 (Pi, cells)
F
Concentration (pg/mL)
0.0
0.5
1.0
1.5
IL-7 (secretion)
IL-7 (Pi, secretion)
IL-7 (cells)
IL-7 (Pi, cells)
G
Concentration (pg/mL)
0
1000
2000
3000
IL-8 (secretion)
IL-8 (Pi, secretion)
IL-8 (cells)
IL-8 (Pi, cells)
H
Concentration (pg/mL)
0.0
0.5
1.0
1.5
2.0
IL-9 (secretion)
IL-9 (Pi, secretion)
IL-9 (cells)
IL-9 (Pi, cells)

Figure 16

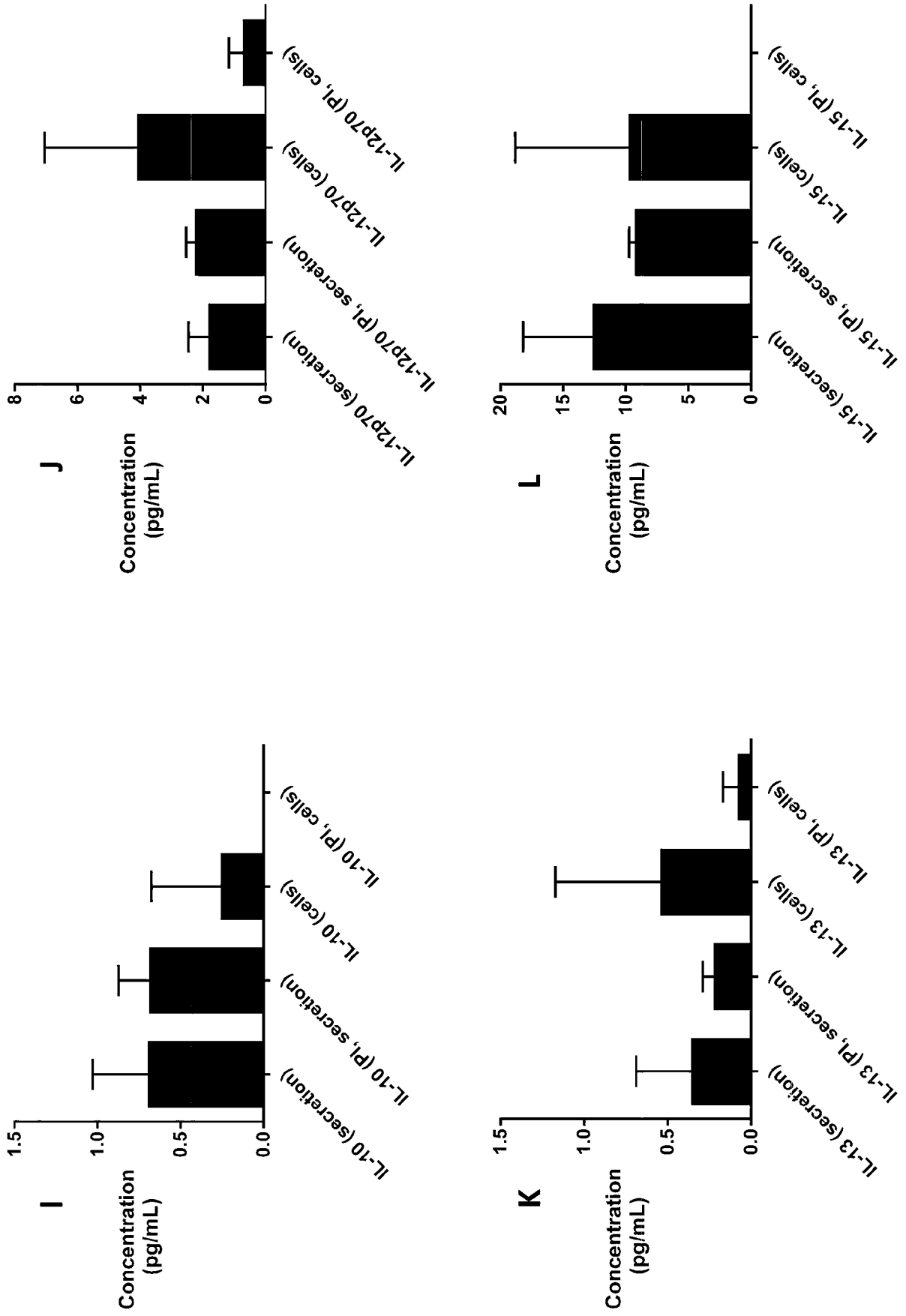

J
Concentration (pg/mL)
0
2
4
6
8
IL-12p70 (secretion)
IL-12p70 (PI, secretion)
IL-12p70 (cells)
IL-12p70 (PI, cells)
L
Concentration (pg/mL)
0
5
10
15
20
IL-15 (secretion)
IL-15 (PI, secretion)
IL-15 (cells)
IL-15 (PI, cells)
I
Concentration (pg/mL)
0.0
0.5
1.0
1.5
IL-10 (secretion)
IL-10 (PI, secretion)
IL-10 (cells)
IL-10 (PI, cells)
K
Concentration (pg/mL)
0.0
0.5
1.0
1.5
IL-13 (secretion)
IL-13 (PI, secretion)
IL-13 (cells)
IL-13 (PI, cells)

Figure 16

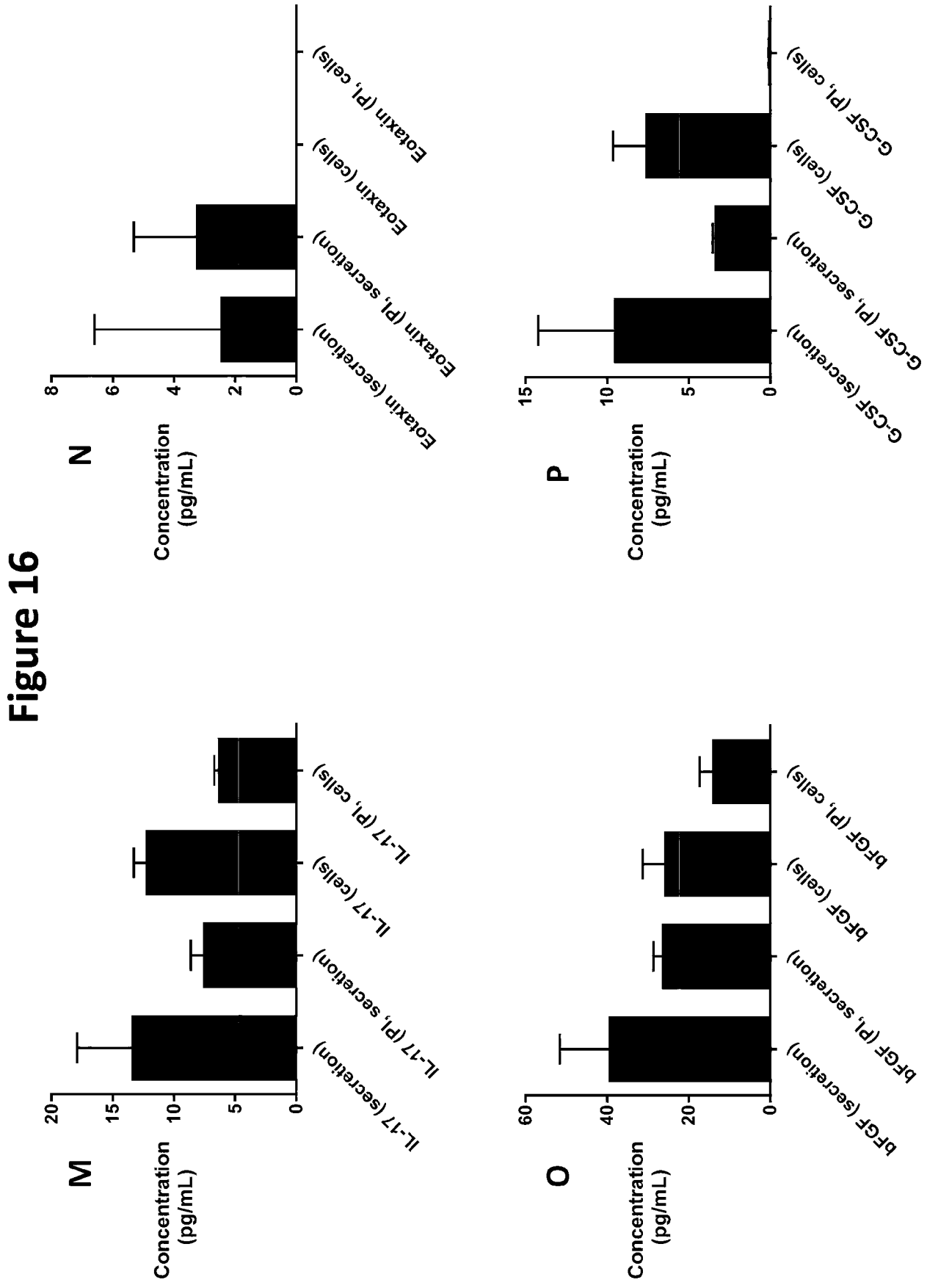

M
Concentration (pg/mL)
0
5
10
15
20
IL-17 (secretion)
IL-17 (Pl, secretion)
IL-17 (cells)
IL-17 (Pl, cells)
N
Concentration (pg/mL)
0
2
4
6
8
Eotaxin (secretion)
Eotaxin (Pl, secretion)
Eotaxin (cells)
Eotaxin (Pl, cells)
O
Concentration (pg/mL)
0
20
40
60
bFGF (secretion)
bFGF (Pl, secretion)
bFGF (cells)
bFGF (Pl, cells)
P
Concentration (pg/mL)
0
5
10
15
G-CSF (secretion)
G-CSF (Pl, secretion)
G-CSF (cells)
G-CSF (Pl, cells)

Figure 16

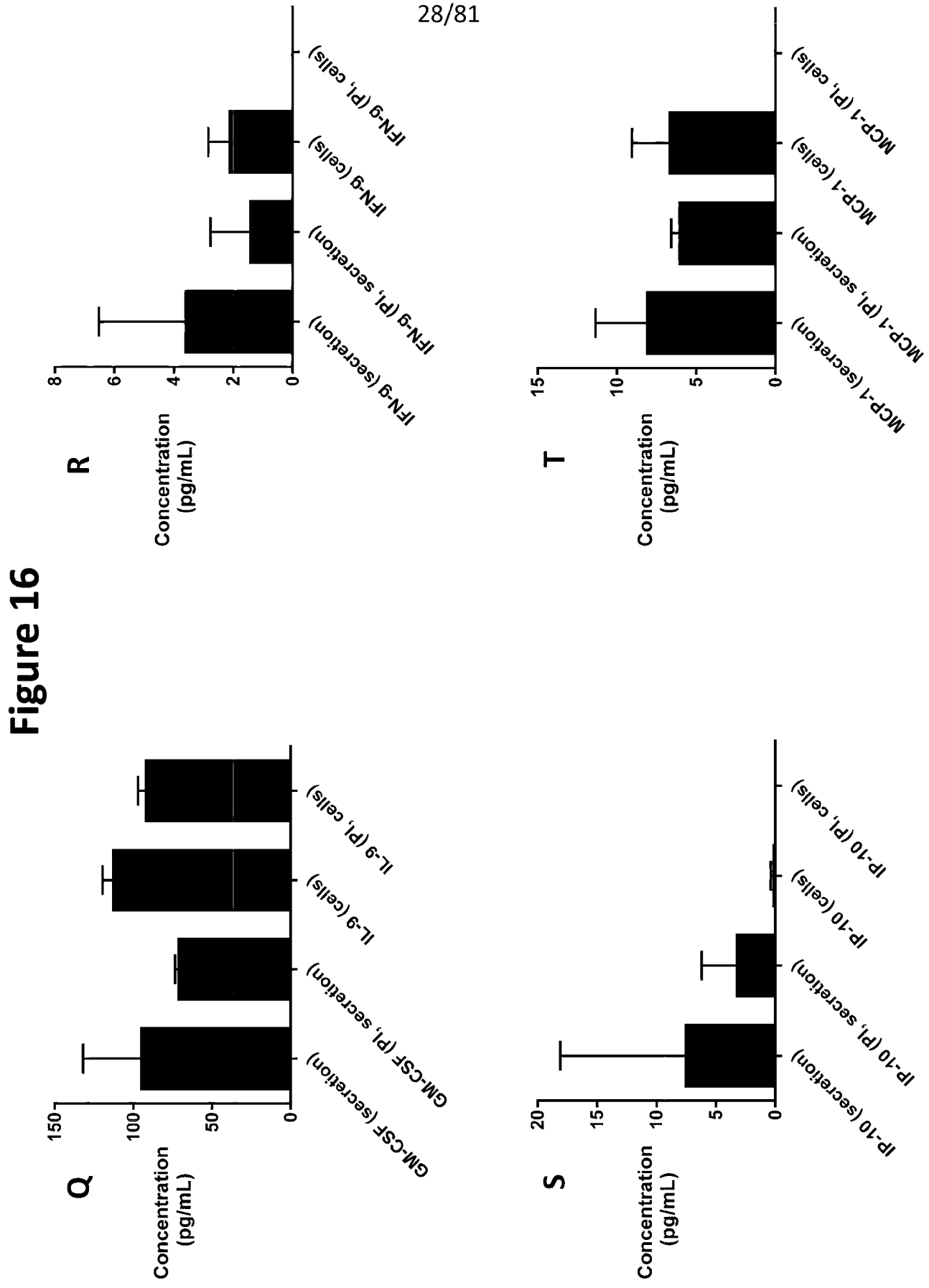
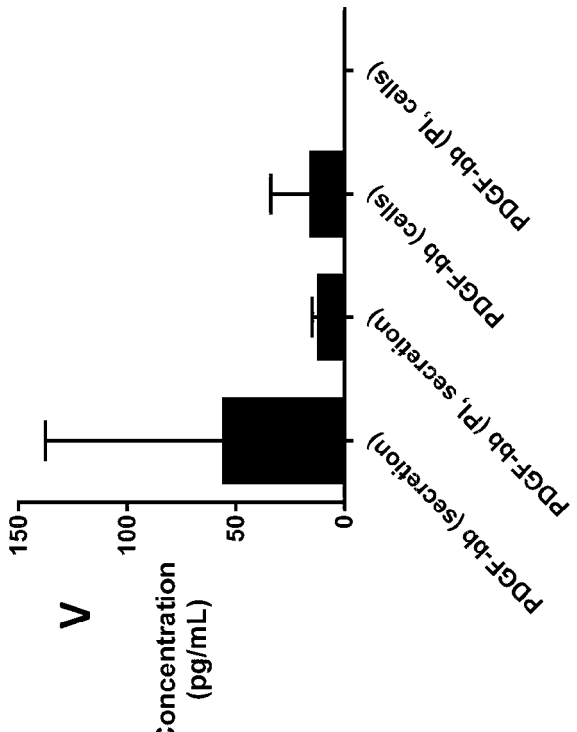
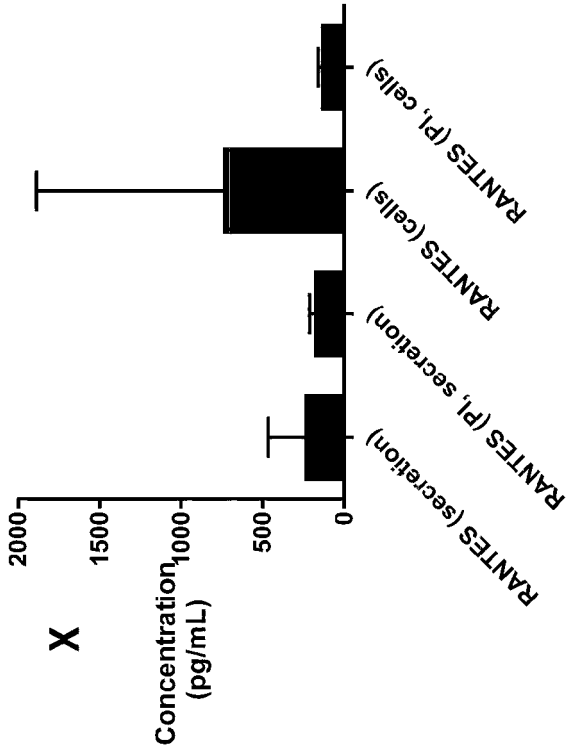
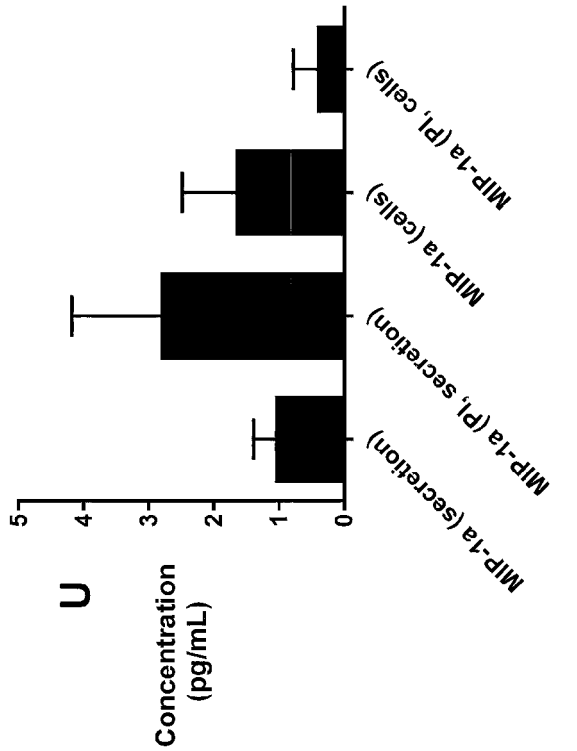

R
Concentration (pg/mL)
0
2
4
6
8
IFN-g (secretion)
IFN-g (Pl, secretion)
IFN-g (cells)
IFN-g (Pl, cells)
T
Concentration (pg/mL)
0
5
10
15
MCP-1 (secretion)
MCP-1 (Pl, secretion)
MCP-1 (cells)
MCP-1 (Pl, cells)
Q
Concentration (pg/mL)
0
50
100
150
GM-CSF (secretion)
GM-CSF (Pl, secretion)
IL-9 (cells)
IL-9 (Pl, cells)
S
Concentration (pg/mL)
0
5
10
15
20
IP-10 (secretion)
IP-10 (Pl, secretion)
IP-10 (cells)
IP-10 (Pl, cells)

Figure 16


V
Concentration (pg/mL)
150
100
50
0
PDGF-bb (secretion)
PDGF-bb (Pi, secretion)
PDGF-bb (cells)
PDGF-bb (Pi, cells)


X
Concentration (pg/mL)
2000
1500
1000
500
0
RANTES (secretion)
RANTES (Pi, secretion)
RANTES (cells)
RANTES (Pi, cells)


U
Concentration (pg/mL)
5
4
3
2
1
0
MIP-1a (secretion)
MIP-1a (Pi, secretion)
MIP-1a (cells)
MIP-1a (Pi, cells)

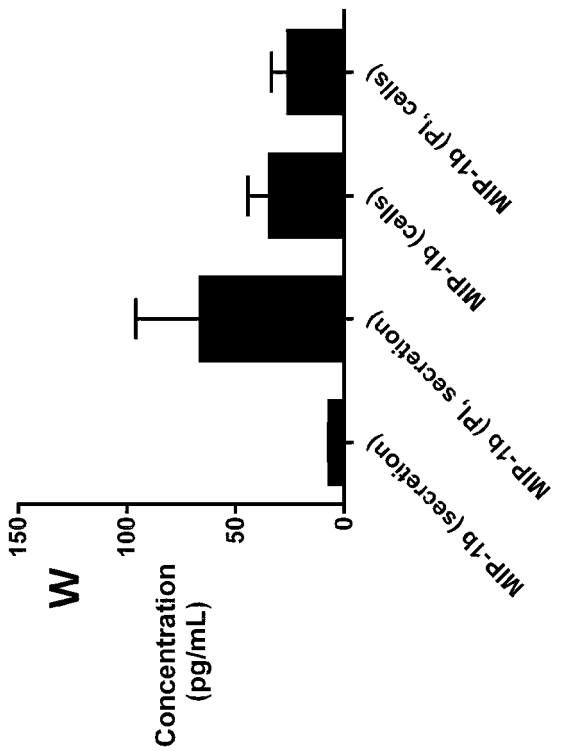
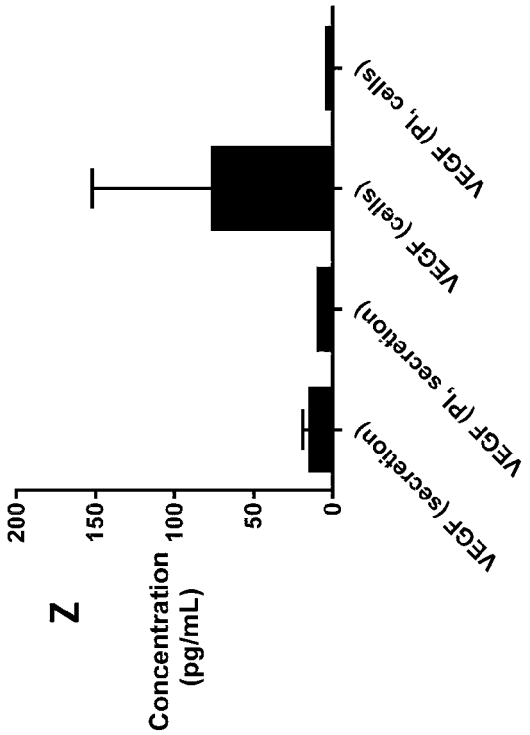

W
Concentration (pg/mL)
150
100
50
0
MIP-1b (secretion)
MIP-1b (Pi, secretion)
MIP-1b (cells)
MIP-1b (Pi, cells)

Figure 16


Z
Concentration (pg/mL)
200
150
100
50
0
VEGF (secretion)
VEGF (Pl, secretion)
VEGF (cells)
VEGF (Pl, cells)

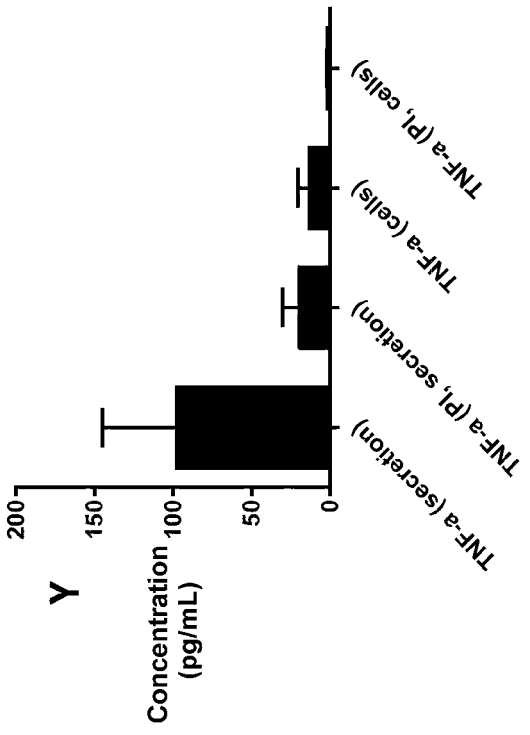

Y
Concentration (pg/mL)
200
150
100
50
0
TNF-a (secretion)
TNF-a (Pl, secretion)
TNF-a (cells)
TNF-a (Pl, cells)

Figure 17

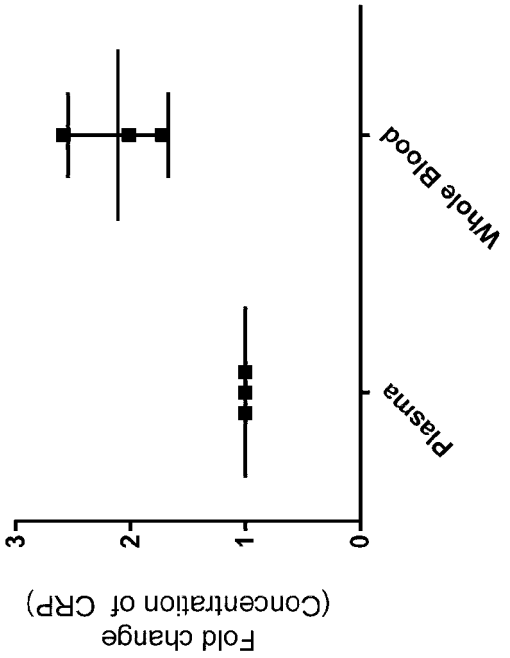


Figure 18

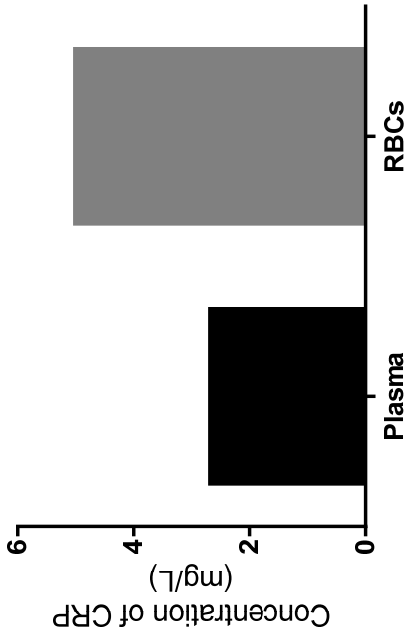


Figure 19

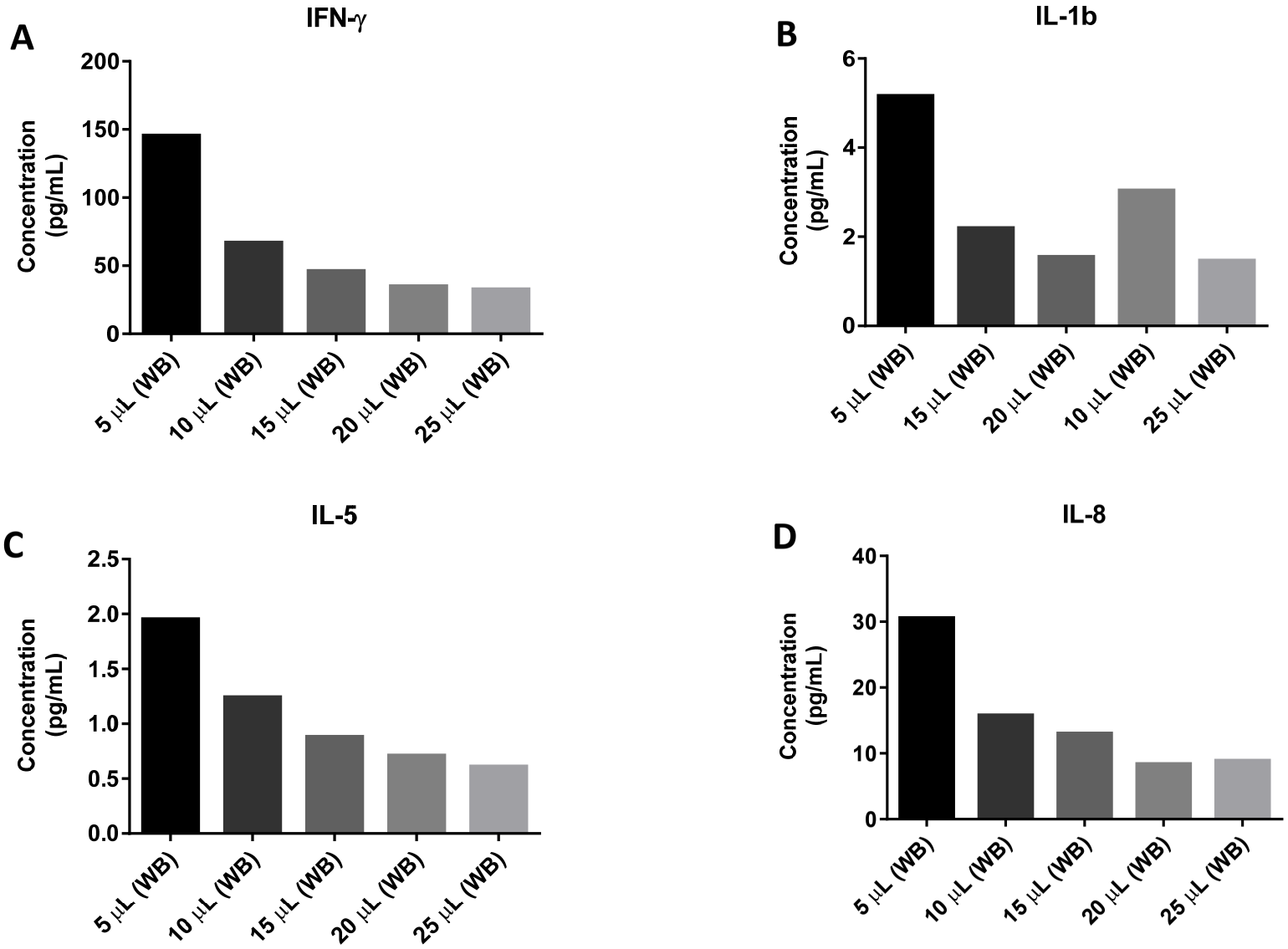

A
IFN-γ
Concentration (pg/mL)
200
150
100
50
0
5 μL (WB)
10 μL (WB)
15 μL (WB)
20 μL (WB)
25 μL (WB)
B
IL-1b
Concentration (pg/mL)
6
4
2
0
5 μL (WB)
15 μL (WB)
20 μL (WB)
10 μL (WB)
25 μL (WB)
C
IL-5
Concentration (pg/mL)
2.5
2.0
1.5
1.0
0.5
0.0
5 μL (WB)
10 μL (WB)
15 μL (WB)
20 μL (WB)
25 μL (WB)
D
IL-8
Concentration (pg/mL)
40
30
20
10
0
5 μL (WB)
10 μL (WB)
15 μL (WB)
20 μL (WB)
25 μL (WB)

Figure 19

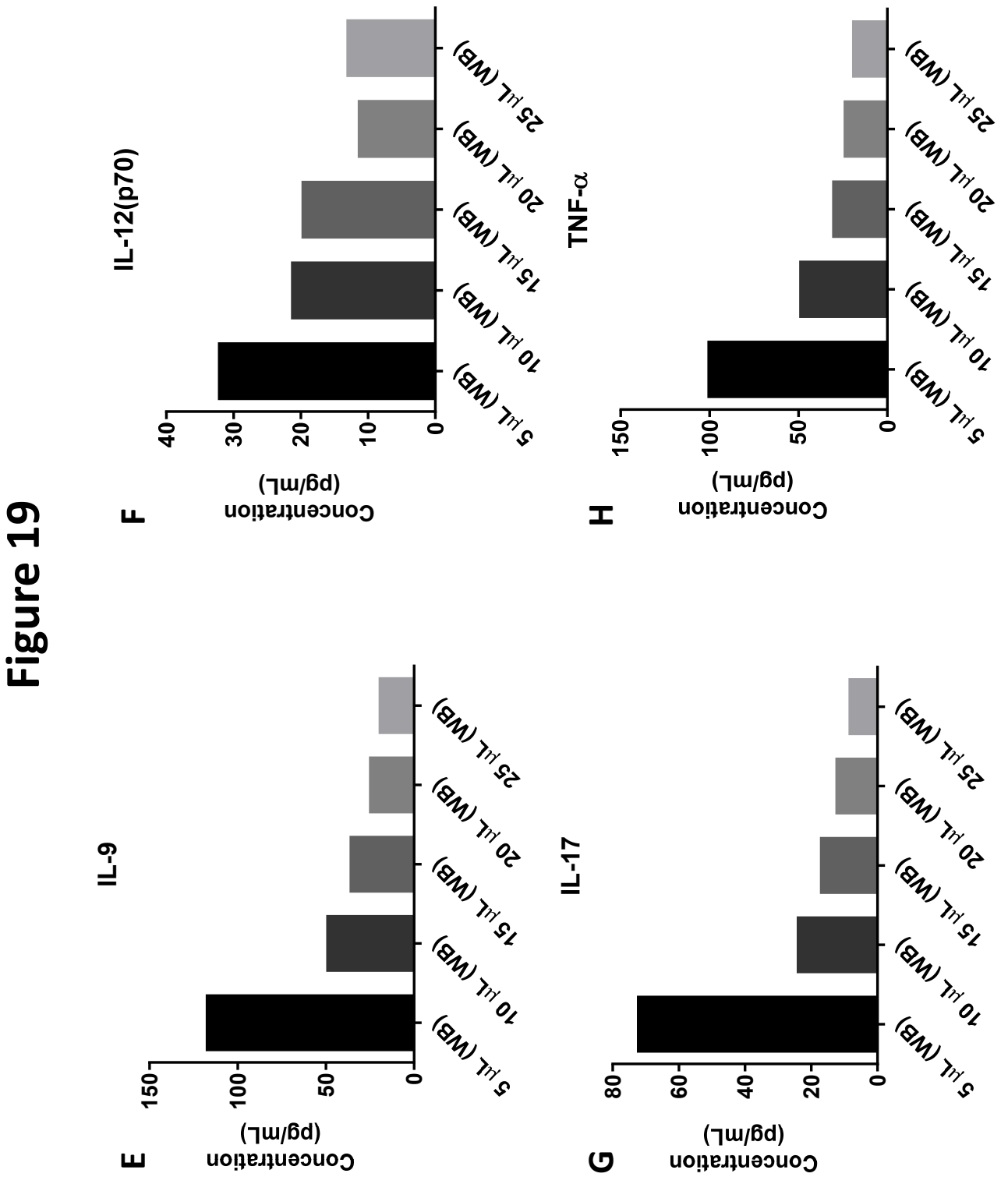

E
IL-9
Concentration (pg/mL)
0
50
100
150
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
F
IL-12(p70)
Concentration (pg/mL)
0
10
20
30
40
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
G
IL-17
Concentration (pg/mL)
0
20
40
60
80
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
H
TNF-α
Concentration (pg/mL)
0
50
100
150
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)

Figure 19

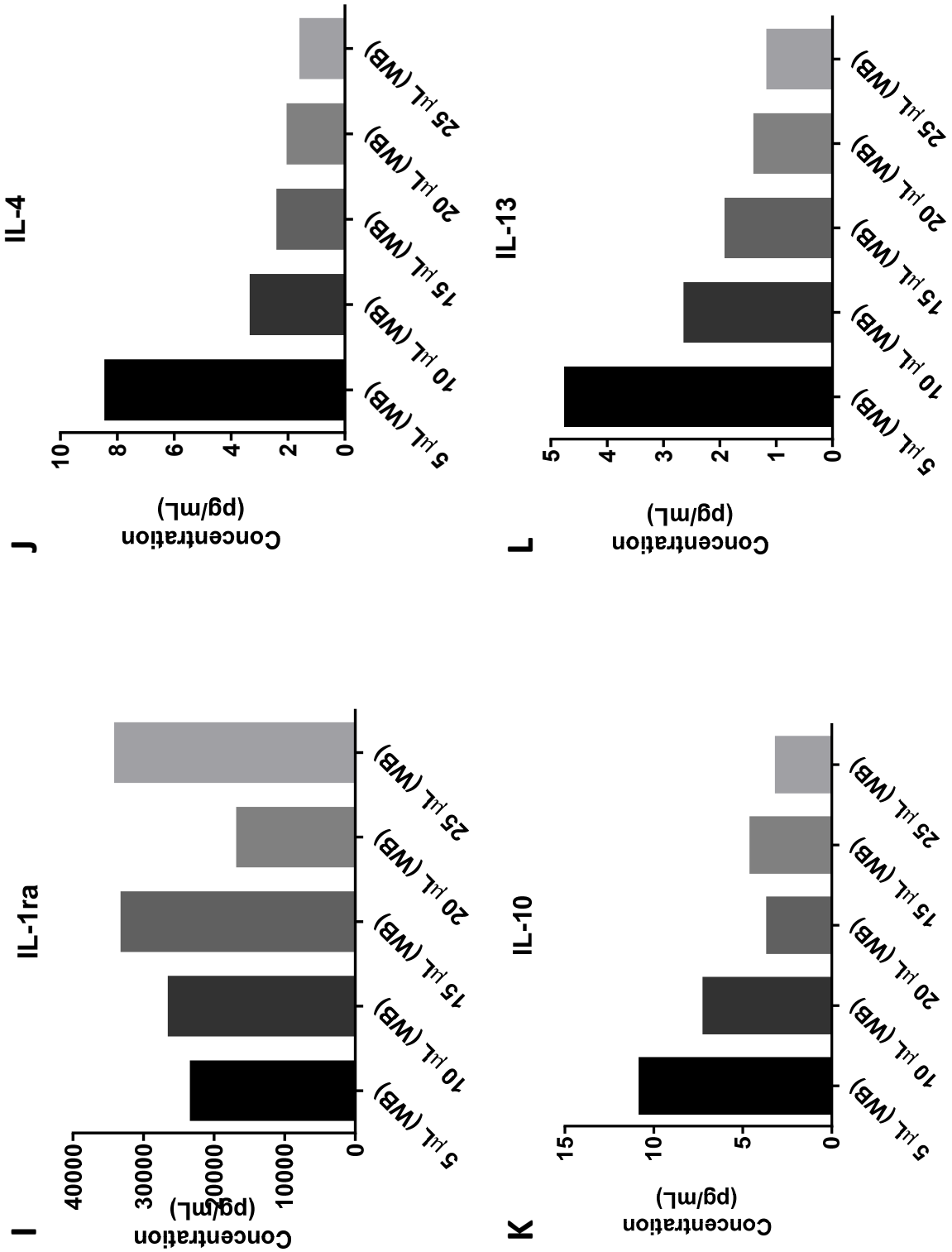

I
IL-1ra
Concentration (pg/mL)
40000
30000
20000
10000
0
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
J
IL-4
Concentration (pg/mL)
10
8
6
4
2
0
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
K
IL-10
Concentration (pg/mL)
15
10
5
0
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
L
IL-13
Concentration (pg/mL)
5
4
3
2
1
0
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)

Figure 19

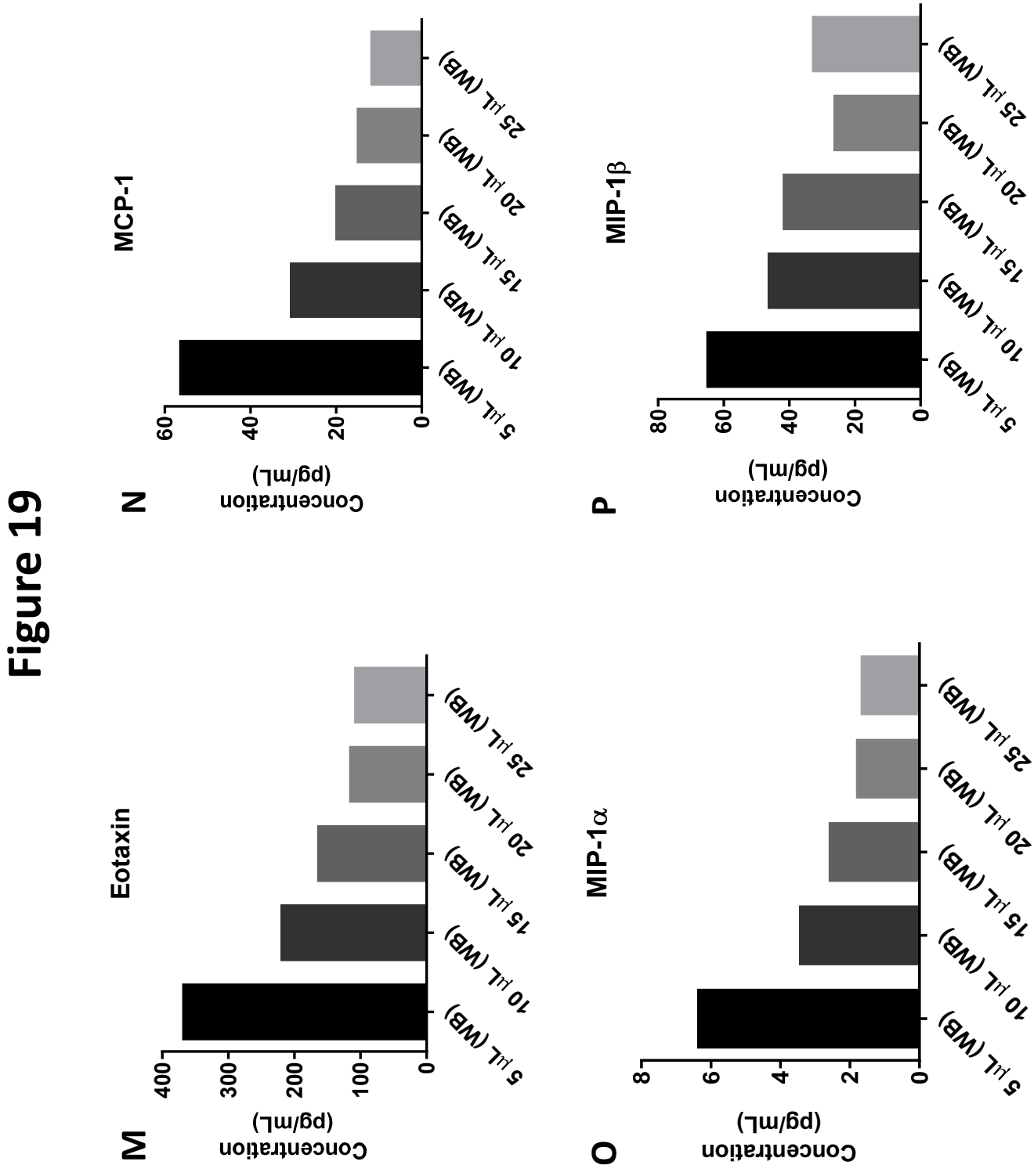

M
Eotaxin
Concentration (pg/mL)
0
100
200
300
400
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
N
MCP-1
Concentration (pg/mL)
0
20
40
60
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
O
MIP-1α
Concentration (pg/mL)
0
2
4
6
8
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
P
MIP-1β
Concentration (pg/mL)
0
20
40
60
80
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)

Figure 19

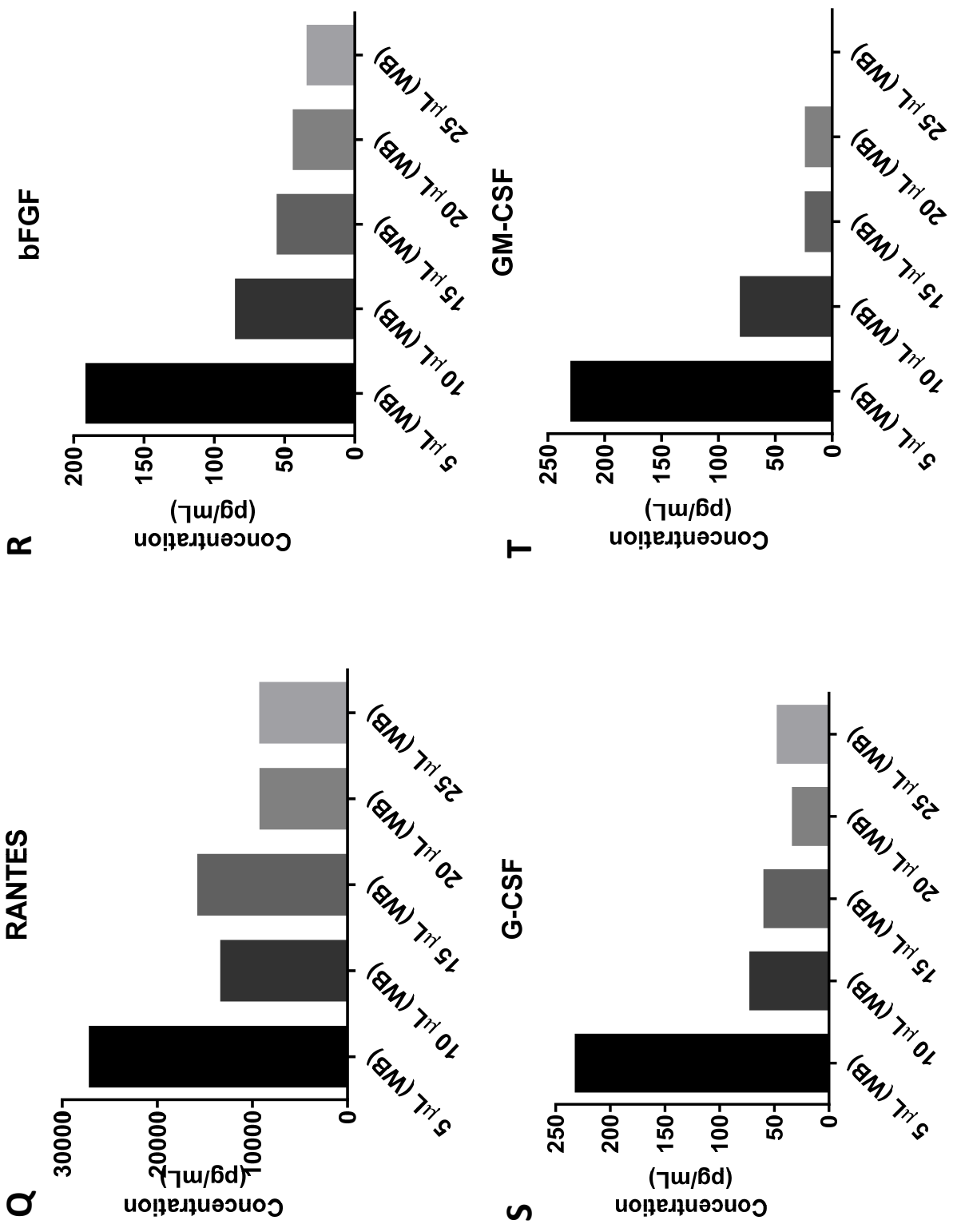

Q
RANTES
Concentration (pg/mL)
30000
20000
10000
0
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
R
bFGF
Concentration (pg/mL)
200
150
100
50
0
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
S
G-CSF
Concentration (pg/mL)
250
200
150
100
50
0
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
T
GM-CSF
Concentration (pg/mL)
250
200
150
100
50
0
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)

Figure 19

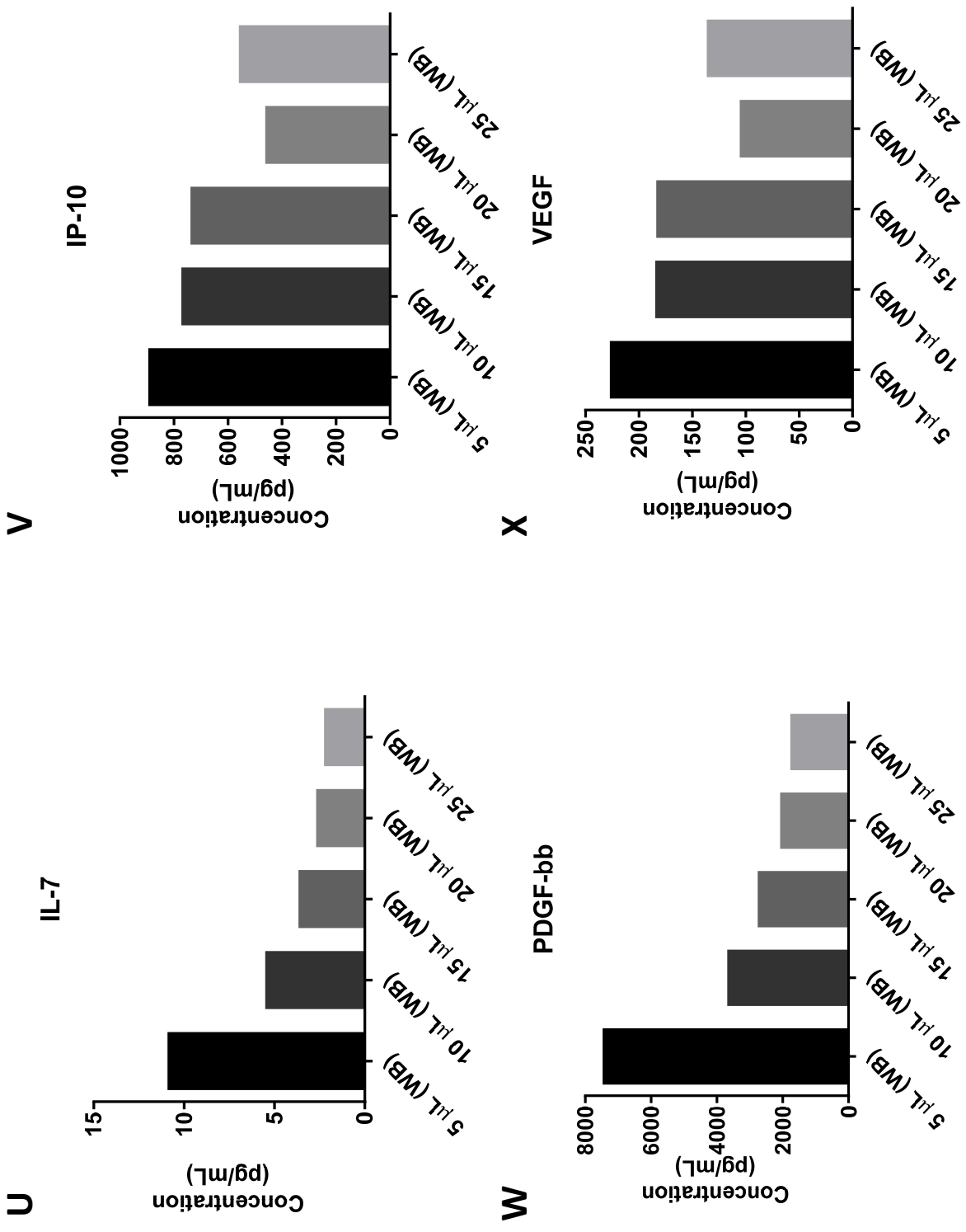

U
IL-7
Concentration (pg/mL)
0
5
10
15
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
V
IP-10
Concentration (pg/mL)
0
200
400
600
800
1000
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
W
PDGF-bb
Concentration (pg/mL)
0
2000
4000
6000
8000
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
X
VEGF
Concentration (pg/mL)
0
50
100
150
200
250
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)

Figure 19

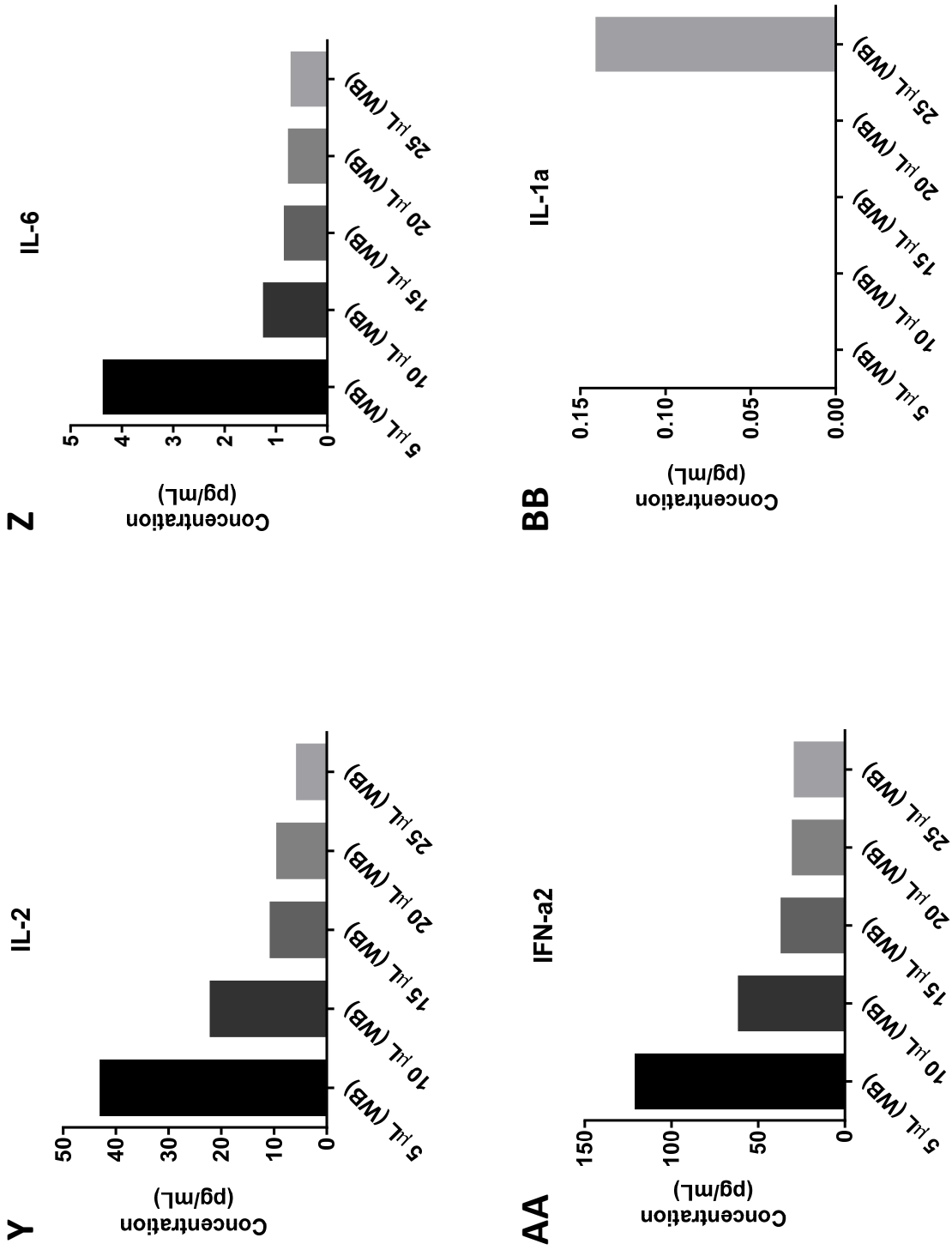

Y
IL-2
Concentration (pg/mL)
0
10
20
30
40
50
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
Z
IL-6
Concentration (pg/mL)
0
1
2
3
4
5
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
AA
IFN-a2
Concentration (pg/mL)
0
50
100
150
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
BB
IL-1a
Concentration (pg/mL)
0.00
0.05
0.10
0.15
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)

Figure 19

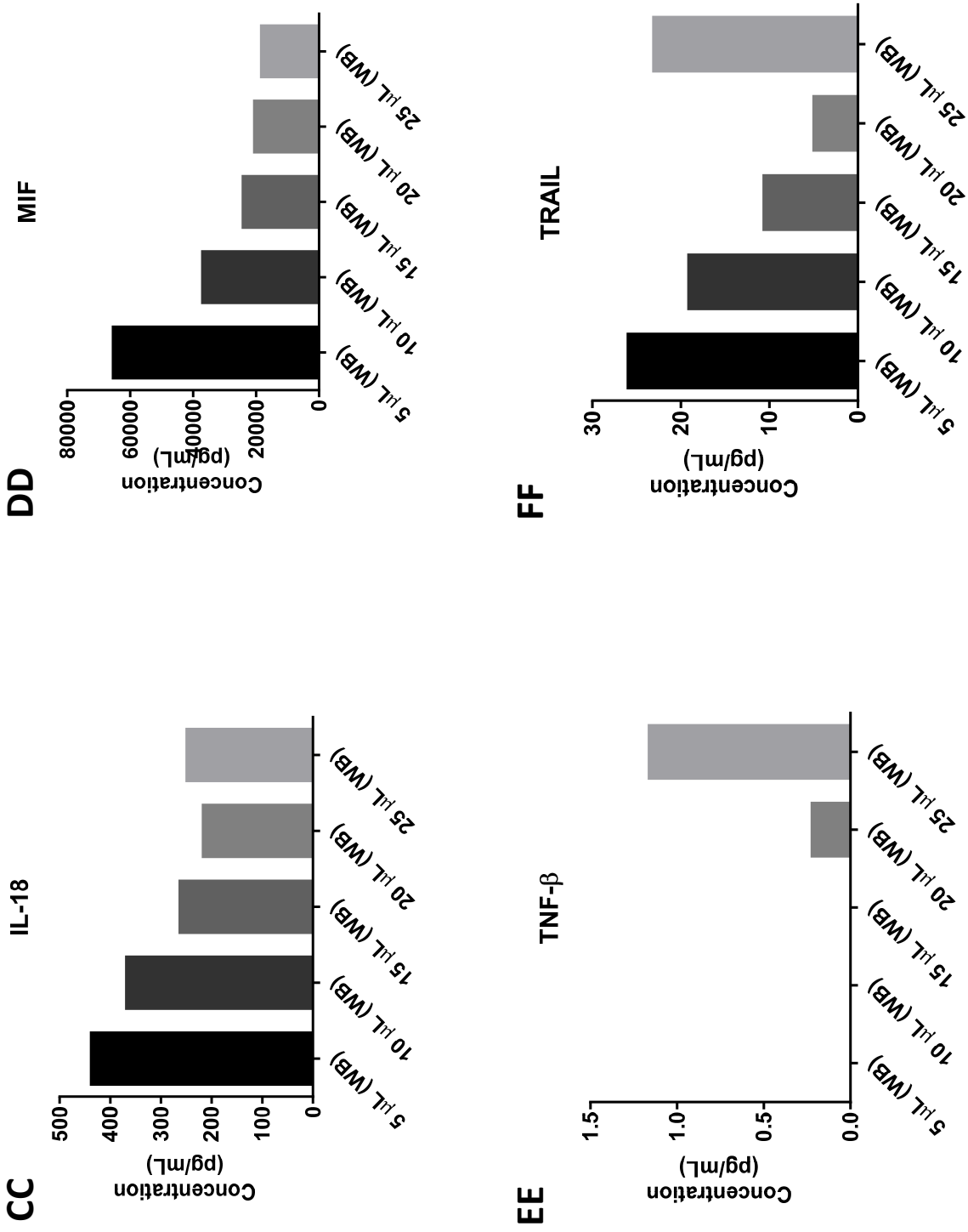

CC
IL-18
Concentration (pg/mL)
0
100
200
300
400
500
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
DD
MIF
Concentration (pg/mL)
0
20000
40000
60000
80000
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
EE
TNF-β
Concentration (pg/mL)
0.0
0.5
1.0
1.5
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
FF
TRAIL
Concentration (pg/mL)
0
10
20
30
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)

Figure 19

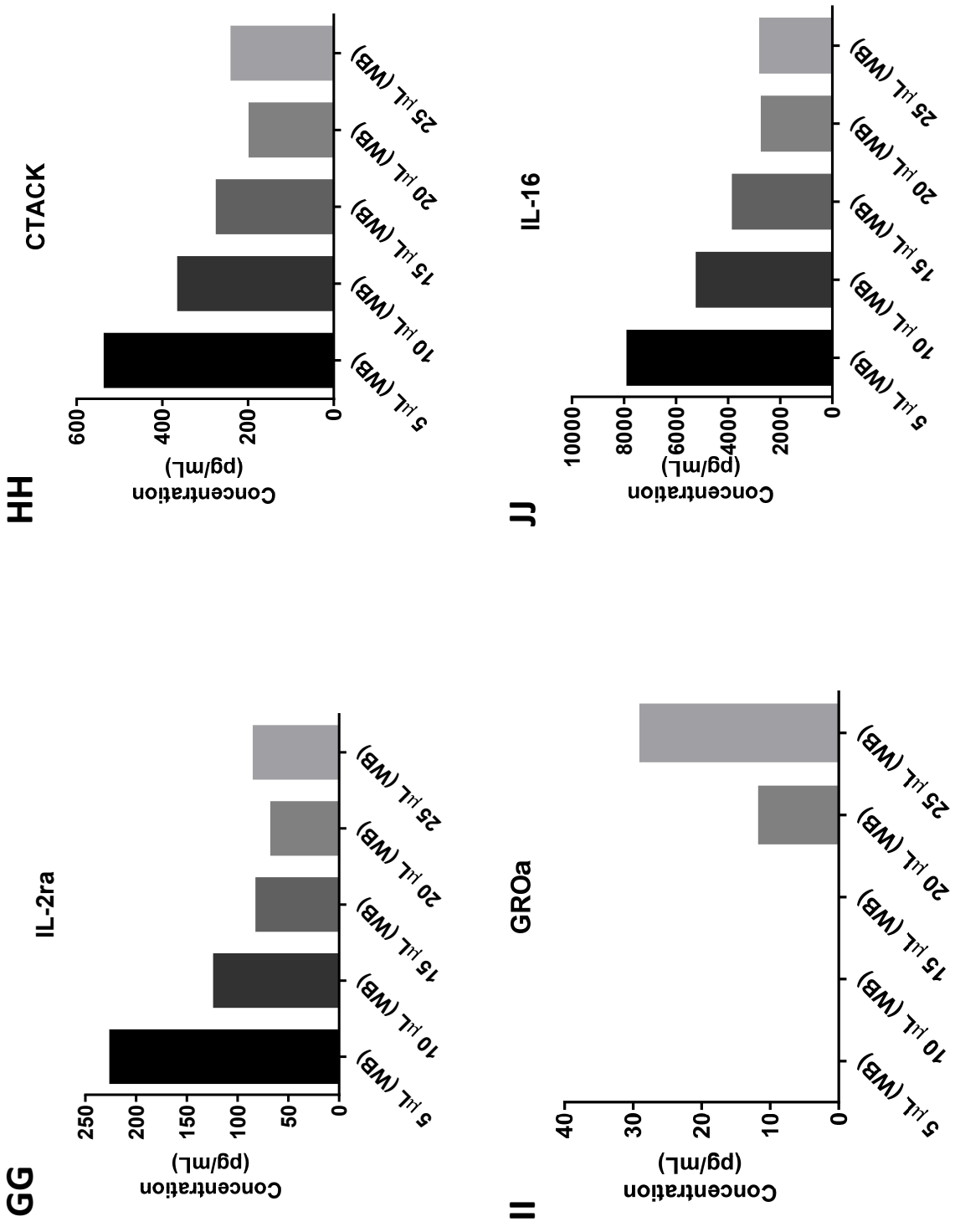

GG
IL-2ra
Concentration (pg/mL)
0
50
100
150
200
250
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
HH
CTACK
Concentration (pg/mL)
0
200
400
600
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
II
GROa
Concentration (pg/mL)
0
10
20
30
40
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
JJ
IL-16
Concentration (pg/mL)
0
2000
4000
6000
8000
10000
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)

Figure 19

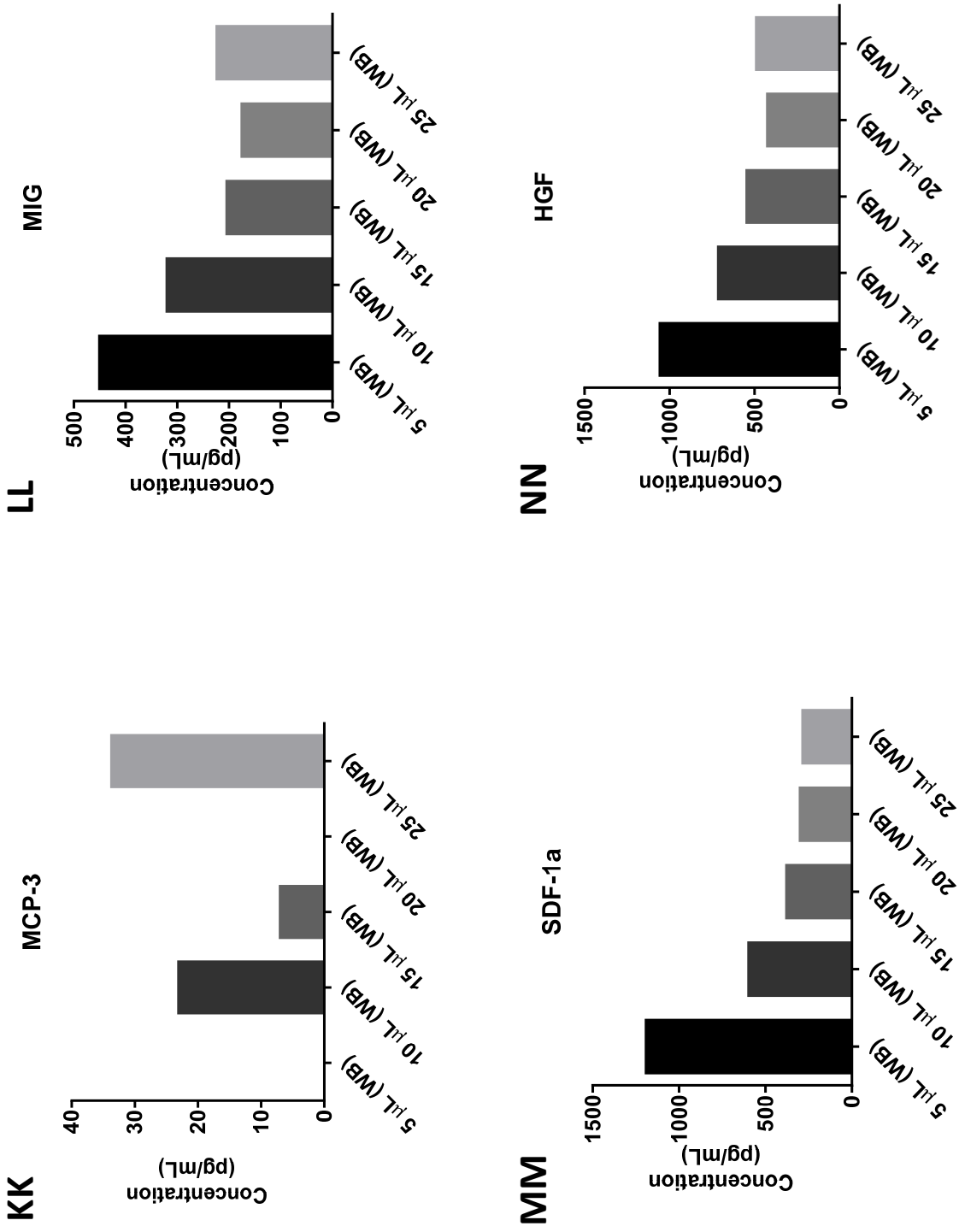

KK
MCP-3
Concentration (pg/mL)
0
10
20
30
40
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
LL
MIG
Concentration (pg/mL)
0
100
200
300
400
500
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
MM
SDF-1a
Concentration (pg/mL)
0
500
1000
1500
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
NN
HGF
Concentration (pg/mL)
0
500
1000
1500
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)

Figure 19

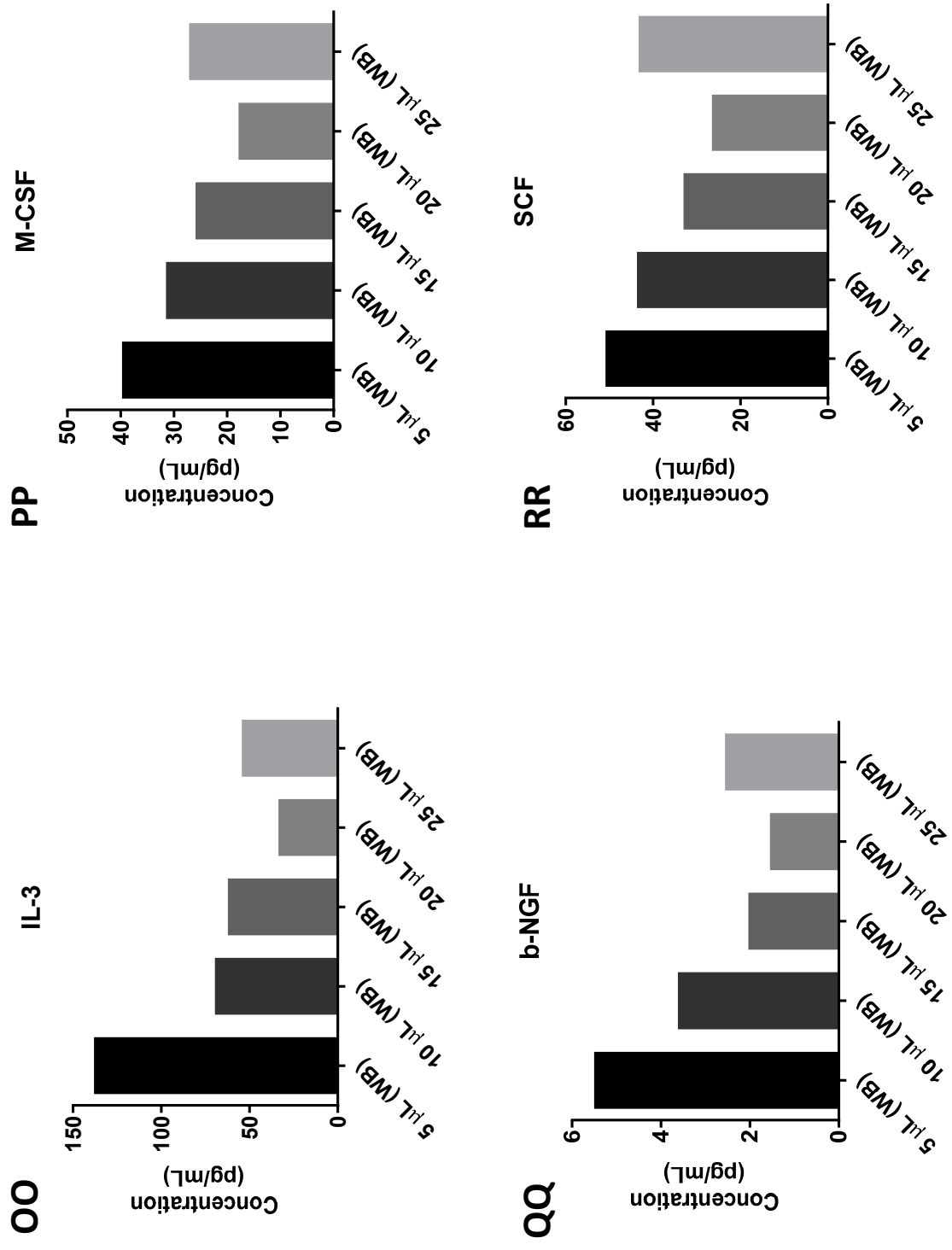

OO
IL-3
Concentration (pg/mL)
0
50
100
150
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
PP
M-CSF
Concentration (pg/mL)
0
10
20
30
40
50
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
QQ
b-NGF
Concentration (pg/mL)
0
2
4
6
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
RR
SCF
Concentration (pg/mL)
0
20
40
60
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)

Figure 19

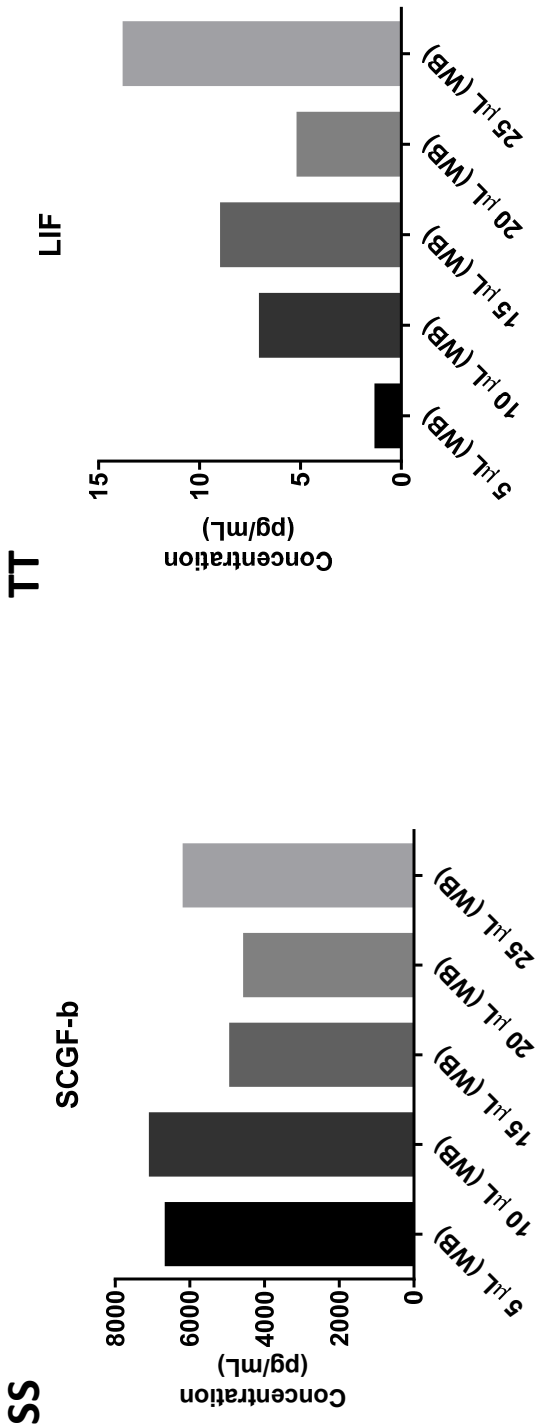

TT
LIF
Concentration (pg/mL)
0
5
10
15
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)
SS
SCGF-b
Concentration (pg/mL)
0
2000
4000
6000
8000
5 µL (WB)
10 µL (WB)
15 µL (WB)
20 µL (WB)
25 µL (WB)

Figure 20

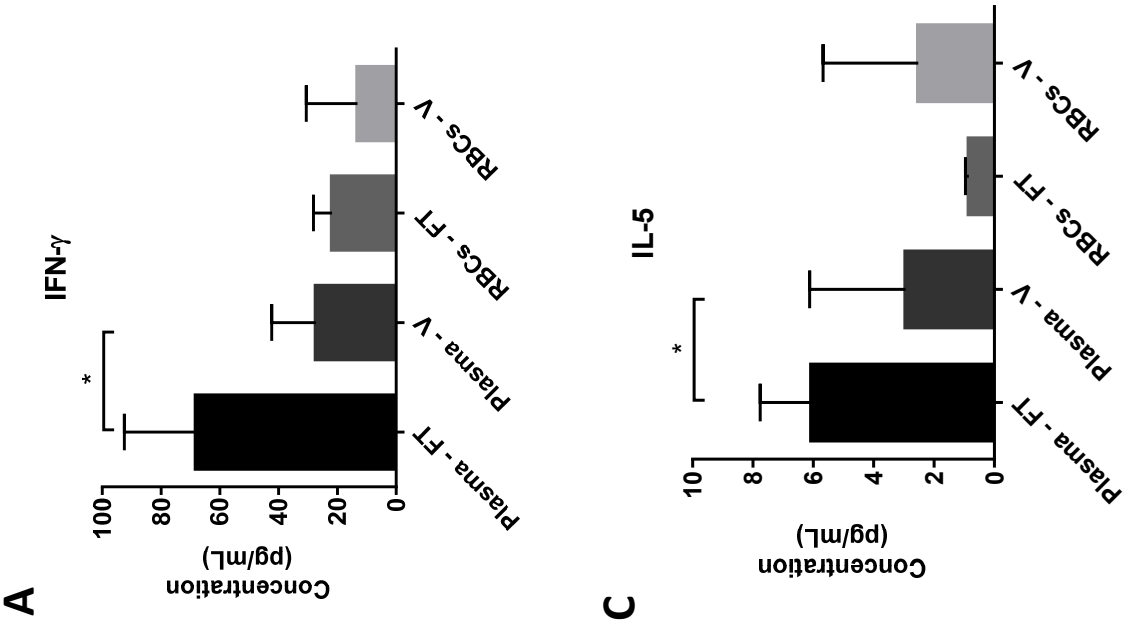

A
IFN-γ
Concentration (pg/mL)
100
80
60
40
20
0
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
B
IL-1β
Concentration (pg/mL)
20
15
10
5
0
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
C
IL-5
Concentration (pg/mL)
10
8
6
4
2
0
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
D
IL-8
Concentration (pg/mL)
50
40
30
20
10
0
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V

Figure 20

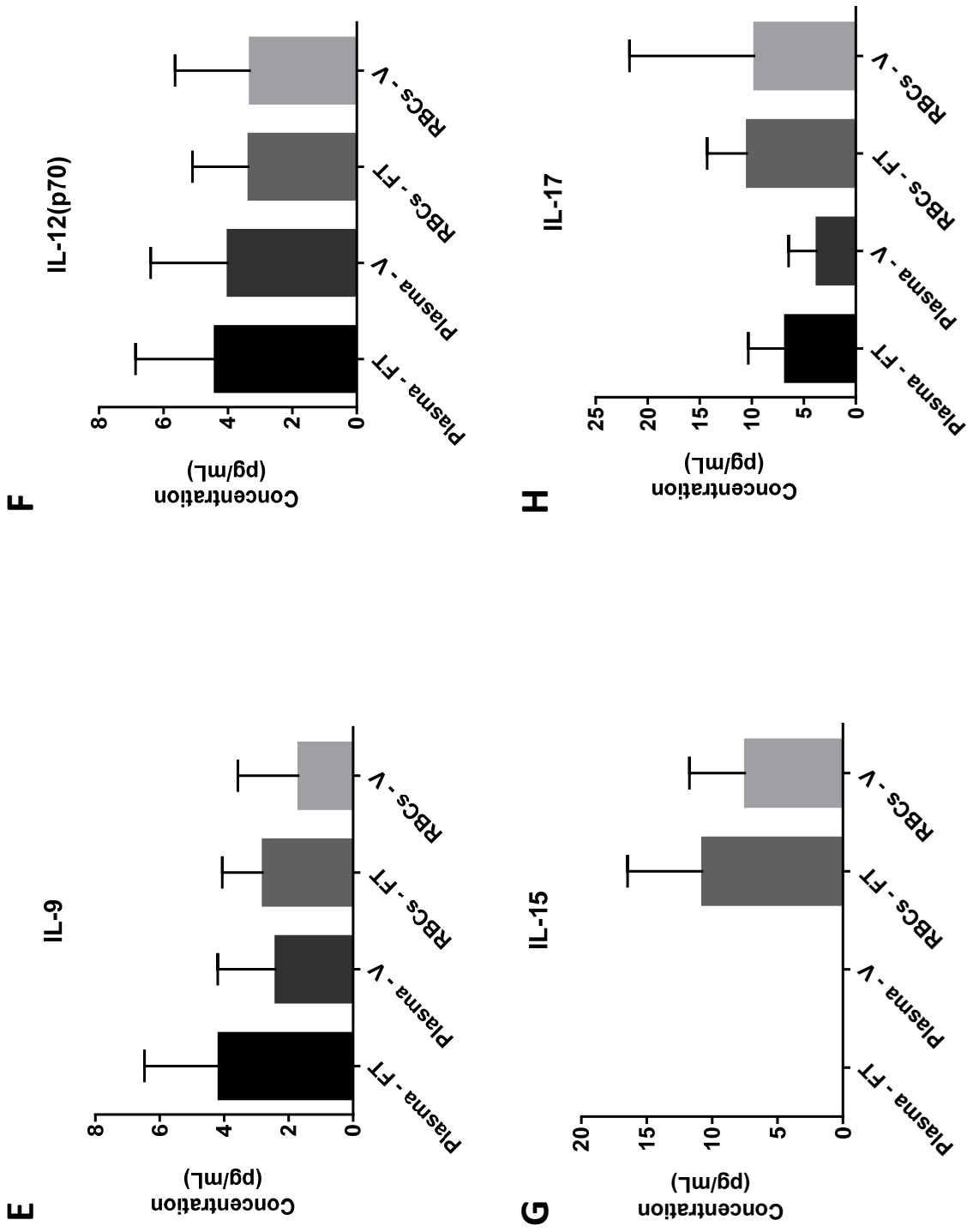

E
IL-9
Concentration (pg/mL)
0
2
4
6
8
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
F
IL-12(p70)
Concentration (pg/mL)
0
2
4
6
8
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
G
IL-15
Concentration (pg/mL)
0
5
10
15
20
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
H
IL-17
Concentration (pg/mL)
0
5
10
15
20
25
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V

Figure 20

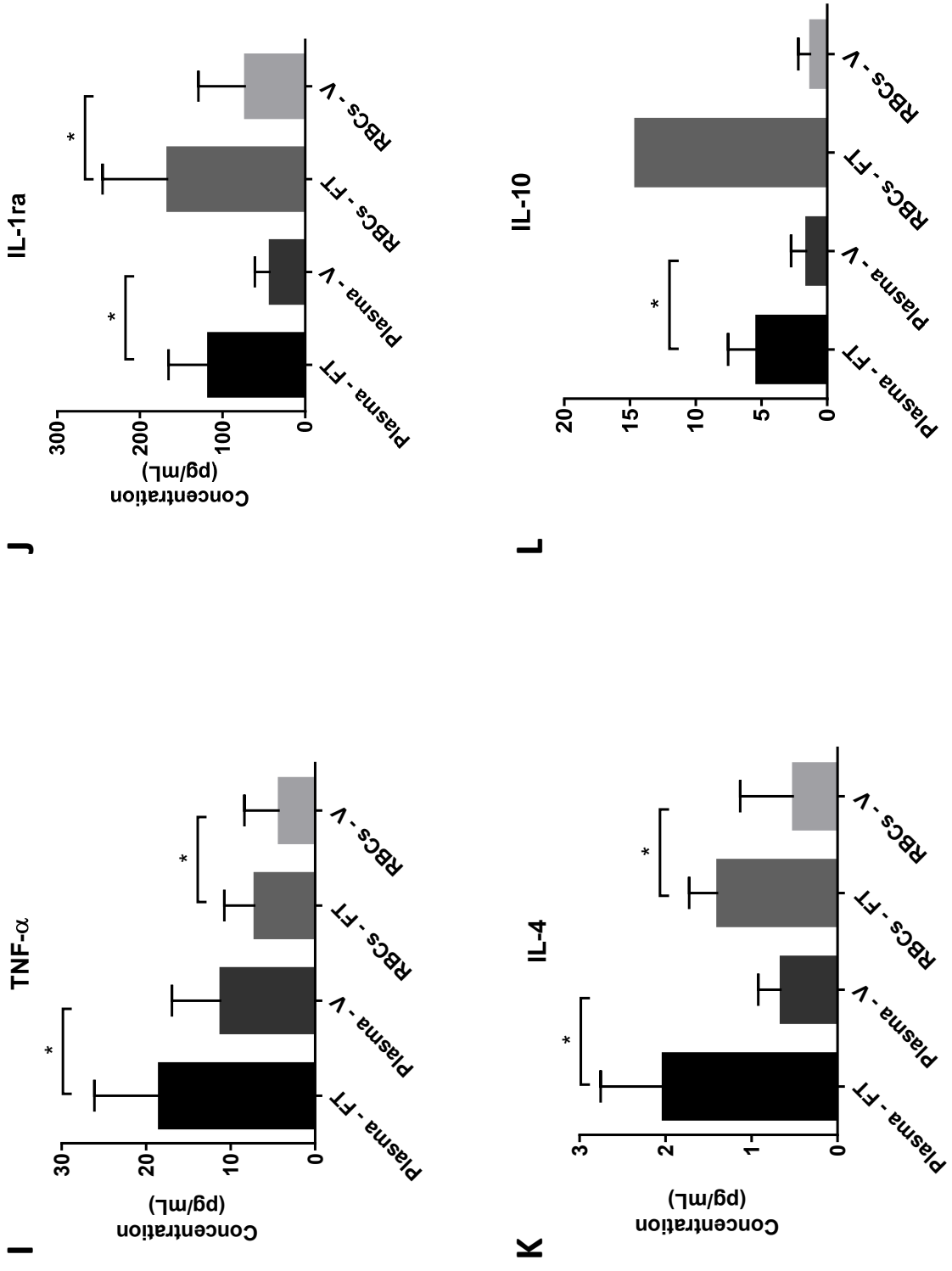

I
TNF-α
Concentration (pg/mL)
0
10
20
30
*
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
J
IL-1ra
Concentration (pg/mL)
0
100
200
300
*
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
K
IL-4
Concentration (pg/mL)
0
1
2
3
*
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
L
IL-10
0
5
10
15
20
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V

Figure 20

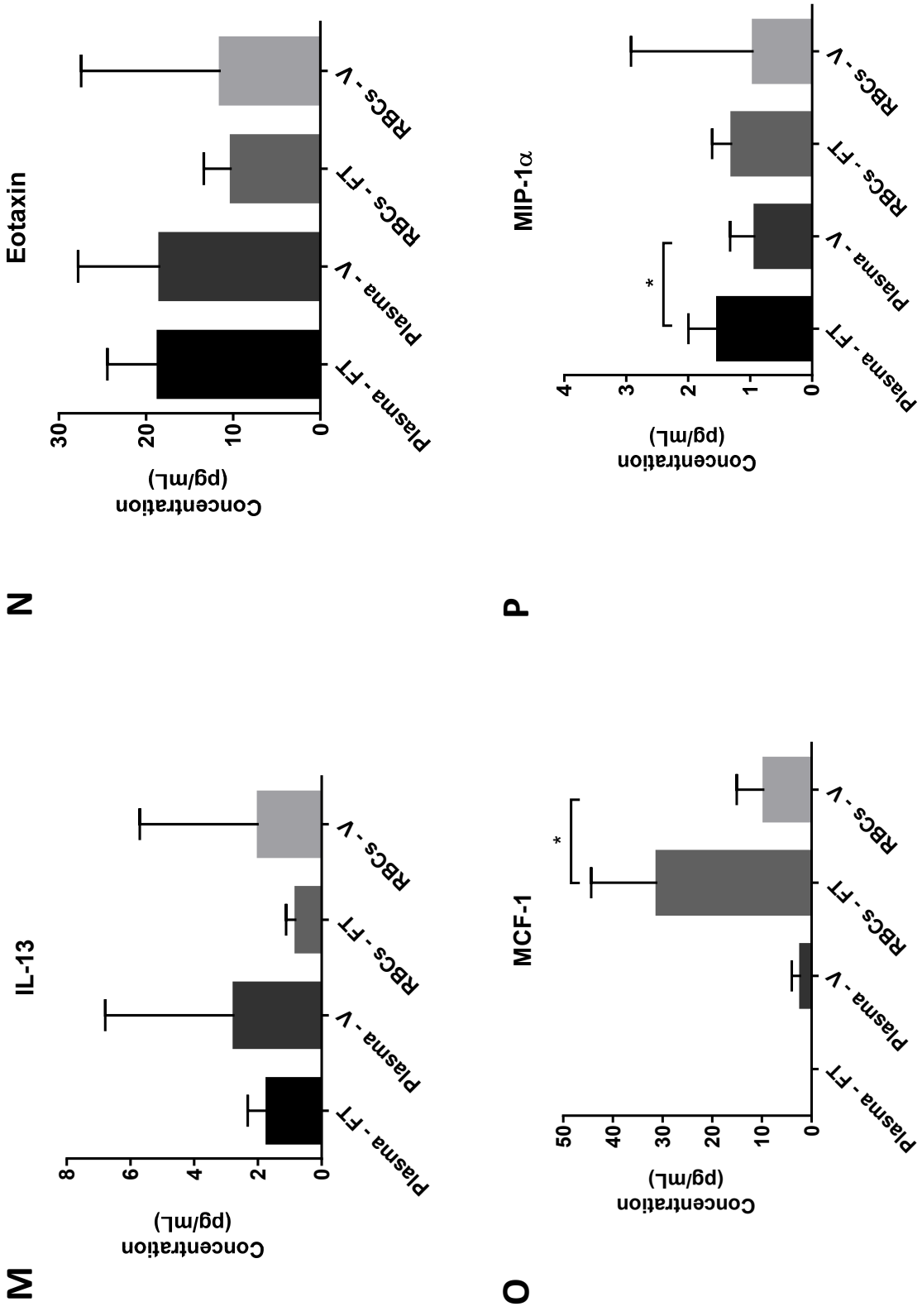

M
IL-13
Concentration (pg/mL)
0
2
4
6
8
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
N
Eotaxin
Concentration (pg/mL)
0
10
20
30
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
O
MCF-1
Concentration (pg/mL)
0
10
20
30
40
50
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
P
MIP-1α
Concentration (pg/mL)
0
1
2
3
4
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V

Figure 20

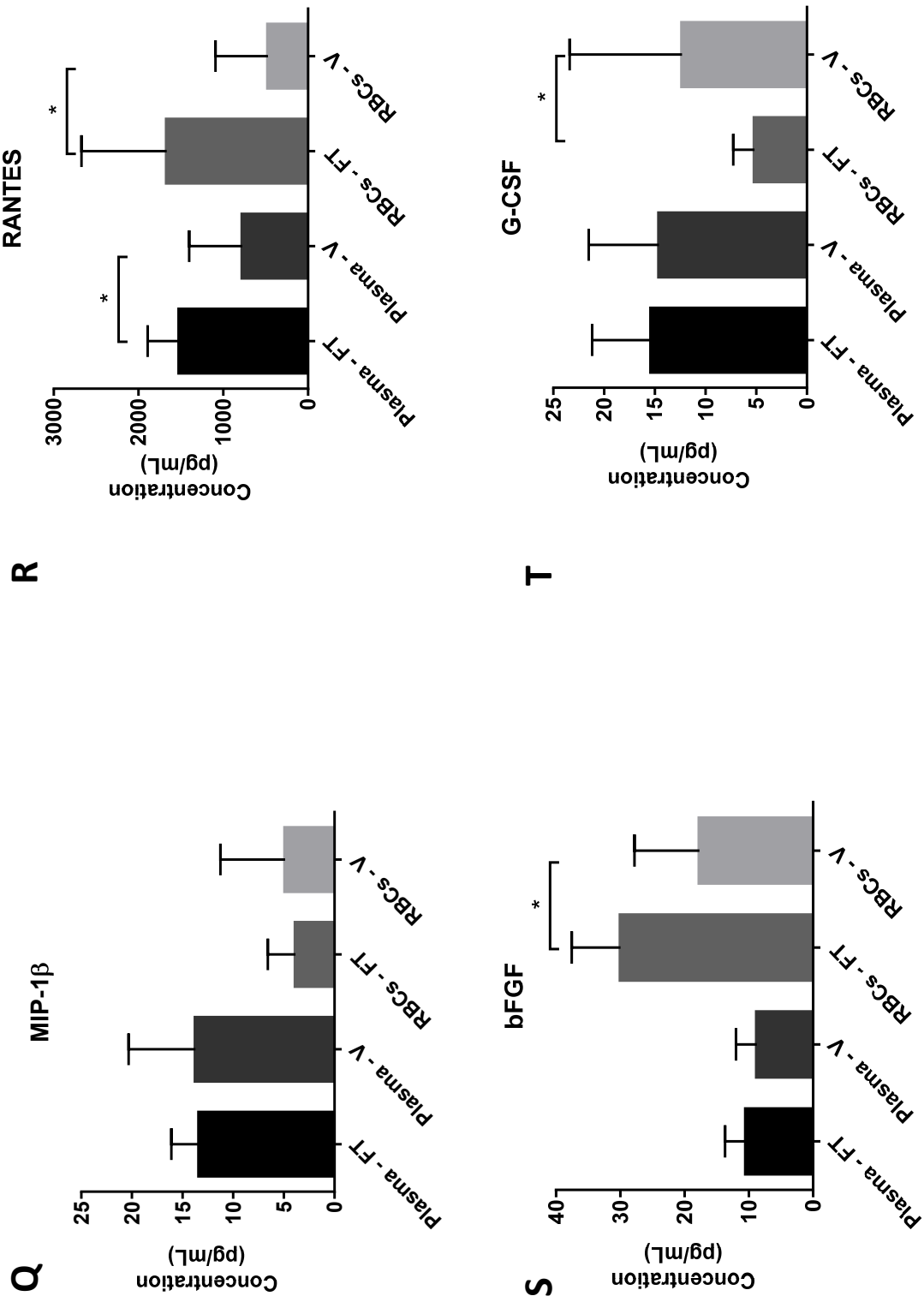

Q
MIP-1β
Concentration (pg/mL)
0
5
10
15
20
25
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
R
RANTES
Concentration (pg/mL)
0
1000
2000
3000
*
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
S
bFGF
Concentration (pg/mL)
0
10
20
30
40
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
T
G-CSF
Concentration (pg/mL)
0
5
10
15
20
25
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V

Figure 20

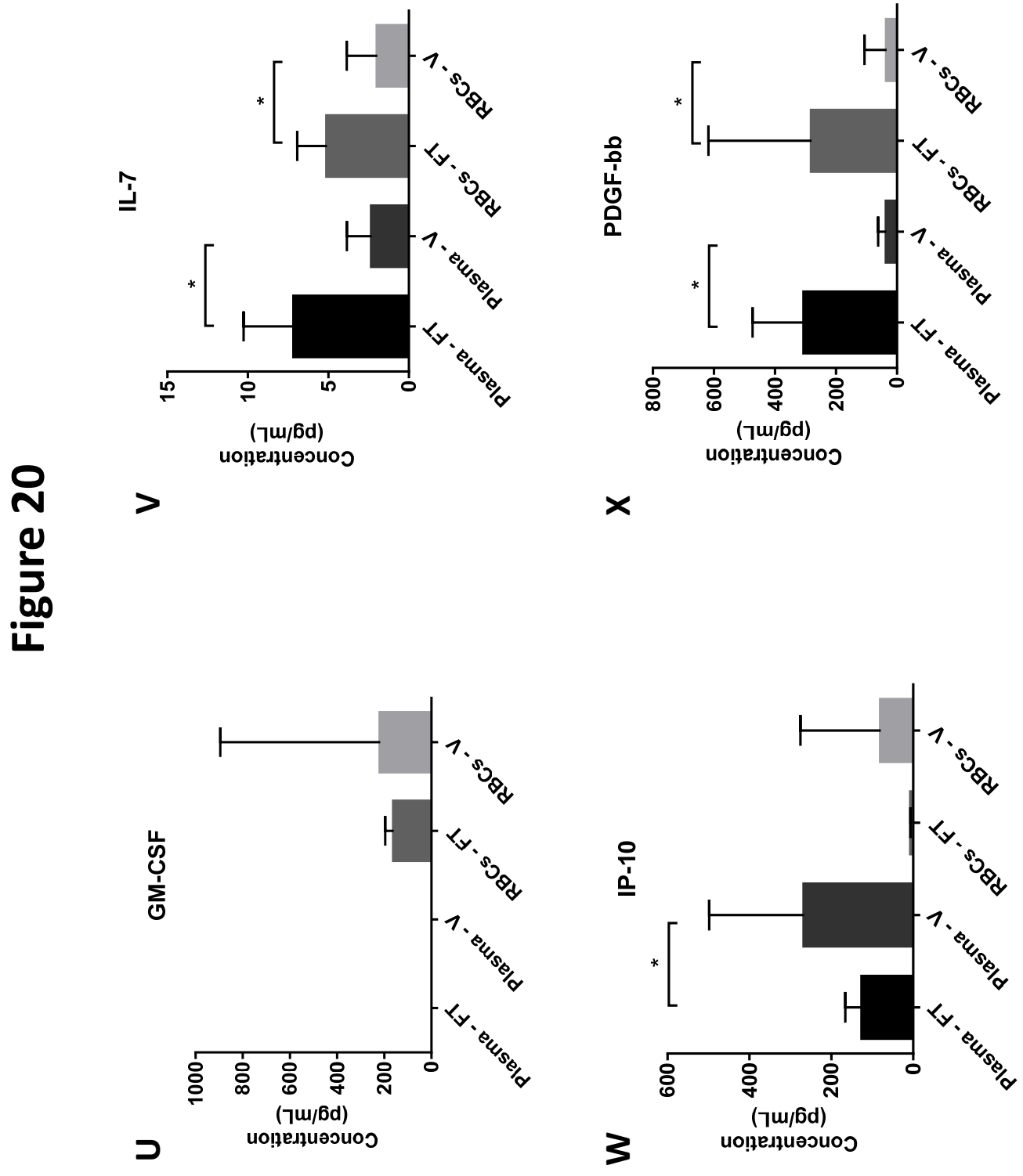
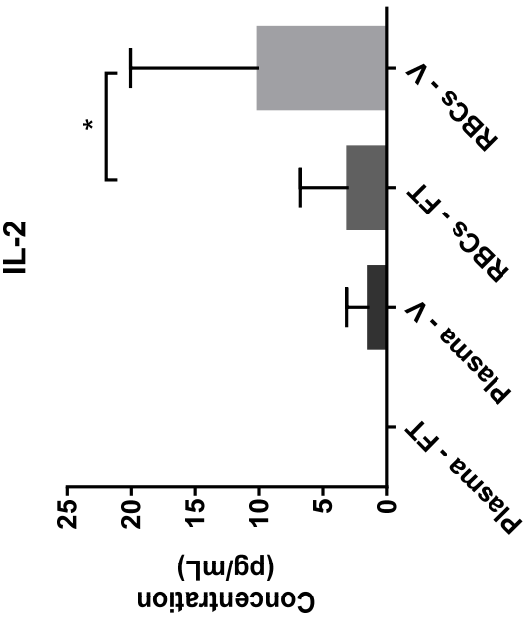
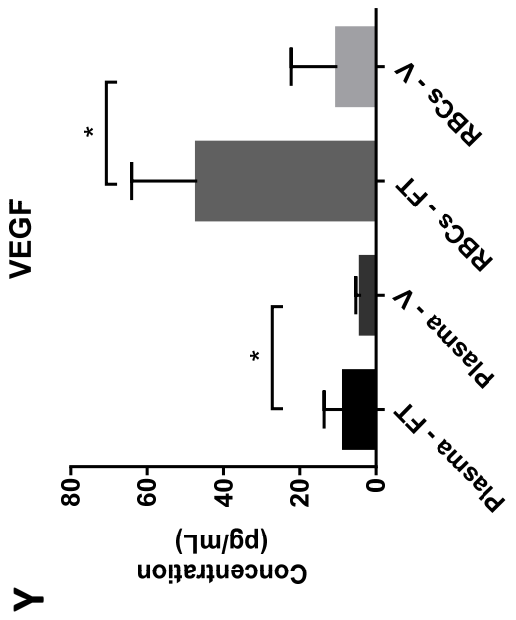

U
GM-CSF
Concentration (pg/mL)
1000
800
600
400
200
0
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
V
IL-7
Concentration (pg/mL)
15
10
5
0
*
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
W
IP-10
Concentration (pg/mL)
600
400
200
0
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V
X
PDGF-bb
Concentration (pg/mL)
800
600
400
200
0
*
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V

Figure 20


Z
IL-2
Concentration (pg/mL)
0
5
10
15
20
25
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V


Y
VEGF
Concentration (pg/mL)
0
20
40
60
80
*
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V

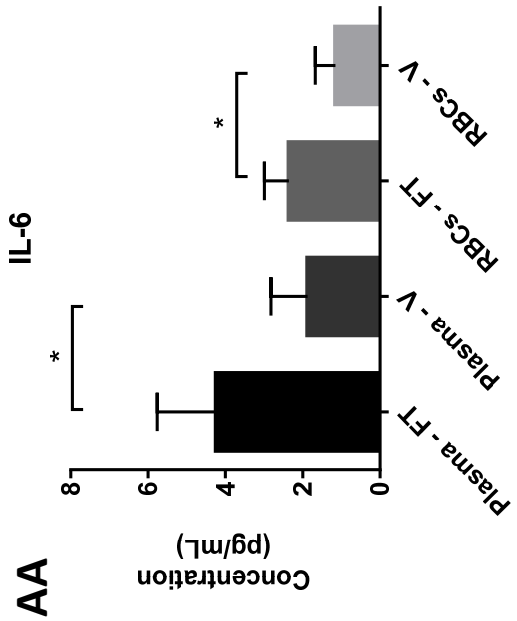

AA
IL-6
Concentration (pg/mL)
0
2
4
6
8
*
*
Plasma - FT
Plasma - V
RBCs - FT
RBCs - V

Figure 21A

Protein	Plasma*			RBCs*					Fold change
	No. of subjects	pg/mL of whole blood		No. of subjects	pg/mL of whole blood		Corrected for WBC contamination (pg/mL)		
		Conc.	SD		Conc.	SD	Conc.	SD	
Anti-inflammatory									
IL-1ra	5	20.8	*6.6*	1	299.6	-	-	-	-
IL2-ra	6	29.3	*5.3*	3	282.6	*31.7*	280.9	*28.8*	10
IL-4	4	0.4	*0.2*	2	4.6	*0.8*	3.3	*0.9*	8
IL-10	1	1.4	-	0	-	-	-	-	-
IL-13	5	2.0	*1.0*	3	2.3	*2.3*	1.4	*2.3*	1
Chemokines									
CTACK	6	36.3	*9.3*	5	222.2	*85.7*	131.4	*100.5*	4
Eotaxin	5	6.4	*2.2*	6	79.3	*38.4*	74.6	*38.4*	12
GRO-α	3	6.0	*1.7*	4	187.3	*47.8*	184.0	*54.3*	31
IL-16	6	46.6	*11.2*	5	2904.9	*3231.7*	2904.9	*3231.7*	62
MCP-1	0	-		2	55.0	*6.8*	36.1	*7.7*	-
MCP-3	4	23.4	*5.5*	0	-	-	-	-	-
MIG	6	70.2	*34.5*	0	-	-	-	-	-
MIP-1α	6	0.5	*0.3*	4	5.2	*2.3*	3.9	*2.1*	8
MIP-1β	6	6.3	*3.5*	2	42.7	*56.3*	25.7	*48.9*	4
RANTES	6	510.7	*268.5*	6	8744	*11,785*	5618	*10,489*	11
SDF-1α	6	121.9	*11.3*	6	872.4	*206.2*	811.8	*193.4*	7

Figure 21B

Protein	Plasma*			RBCs*					Fold change
	No. of subjects	pg/mL of whole blood		No. of subjects	pg/mL of whole blood		Corrected for WBC contamination (pg/mL)		
		Conc.	SD		Conc.	SD	Conc.	SD	
Growth Factors									
bFGF	6	4.8	*2.0*	6	197.1	*72.4*	147.2	*87.3*	31
G-CSF	6	5.3	*3.6*	3	148.8	*79.0*	131.1	*79.1*	25
GM-CSF	0	-	-	5	939.7	*460.2*	772.3	*538.5*	-
HGF	6	39.8	*7.8*	6	800.3	*490.5*	691.2	*500.3*	17
IL-3	6	18.1	*2.0*	6	345.8	*209.7*	334.2	*217.6*	18
IL-7	5	1.7	*0.9*	2	34.6	*5.2*	34.0	*6.2*	20
IP-10	6	132.5	*142.7*	4	147.8	*87.1*	134.0	*83.3*	1
M-CSF	6	4.3	*3.2*	3	115.6	*7.9*	99.5	*13.2*	23
β-NGF	5	1.2	*0.2*	0	-	-	-	-	-
PDGF-bb	6	20.3	*17.4*	5	1073.5	*2004.9*	115.4	*2095.6*	6
SCF	6	6.5	*1.5*	1	54.1	-	51.9	-	8
SCGF-β	3	944.3	*563.9*	0	-	-	-	-	-
VEGF	5	2.1	*0.8*	6	113.9	*50.3*	82.8	*53.7*	39
Analytes with multiple functions									
IL-2	0	-	-	0	-	-	-	-	-
IL-6	2	0.5	*0.1*	0	-	-	-	-	-
Il-12p40	1	44.5	-	3	1914.7	*357.9*	1693.7	*254.7*	38
LIF	6	5.7	*3.2*	3	119.5	*27.5*	119.5	*27.5*	21

Figure 22

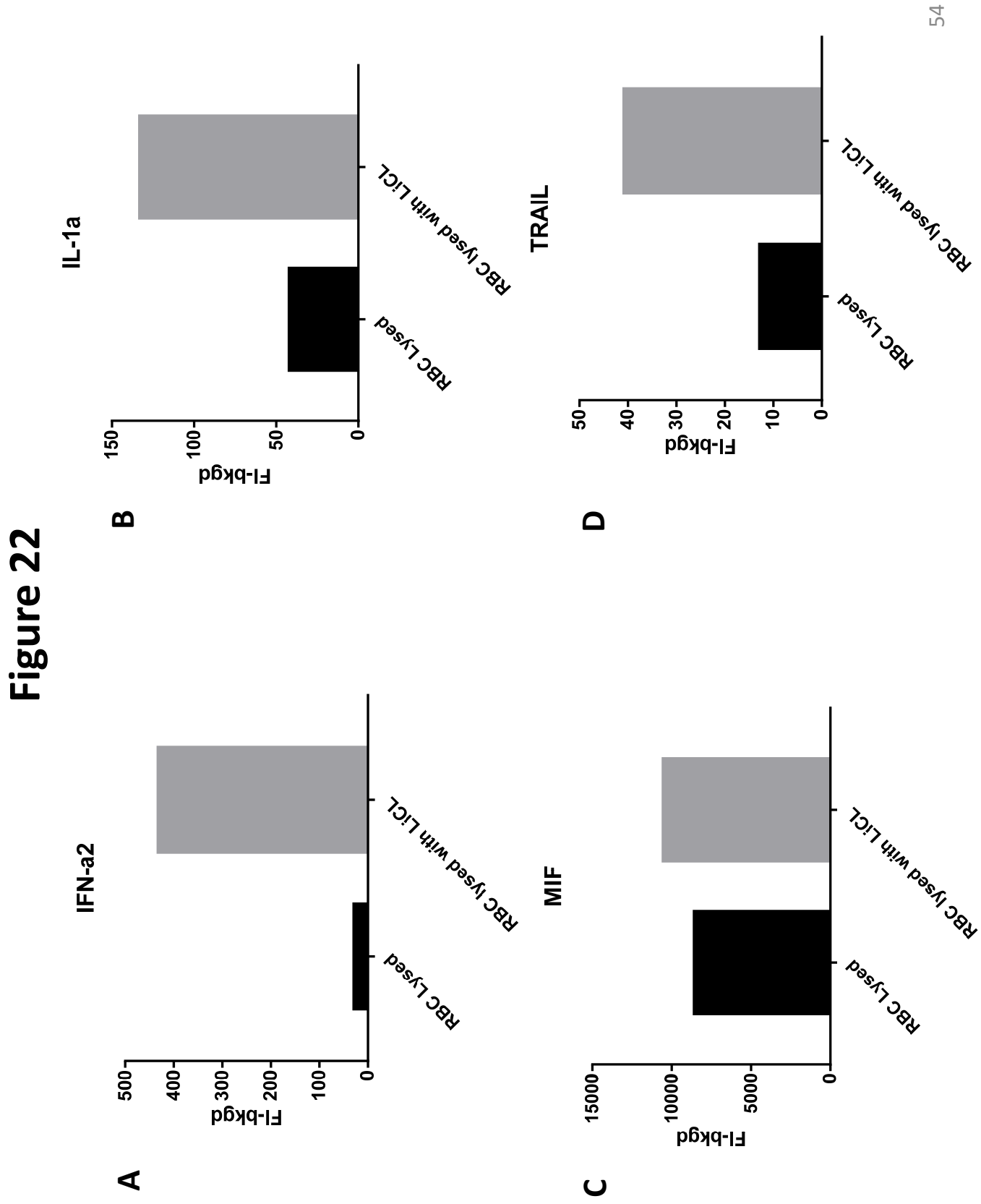
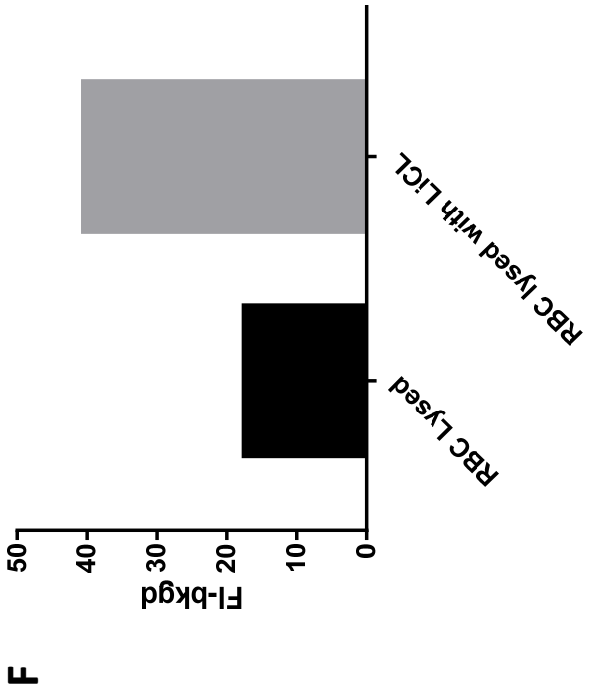
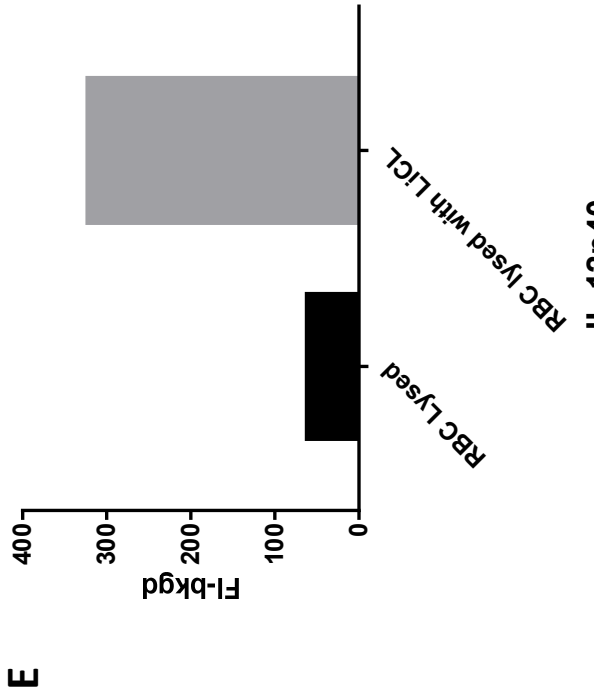

A
IFN-a2
Fl-bkgd
500
400
300
200
100
0
RBC Lysed
RBC lysed with LiCL
B
IL-1a
Fl-bkgd
150
100
50
0
RBC Lysed
RBC lysed with LiCL
C
MIF
Fl-bkgd
15000
10000
5000
0
RBC Lysed
RBC lysed with LiCL
D
TRAIL
Fl-bkgd
50
40
30
20
10
0
RBC Lysed
RBC lysed with LiCL

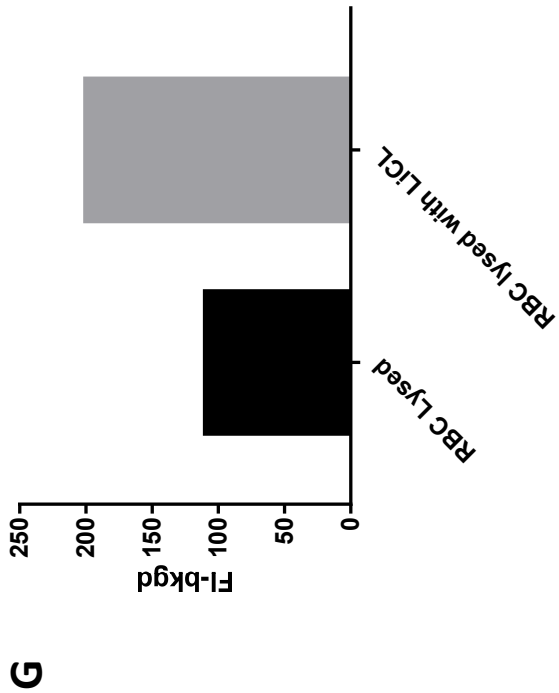
Figure 22



F



E



G

Figure 23

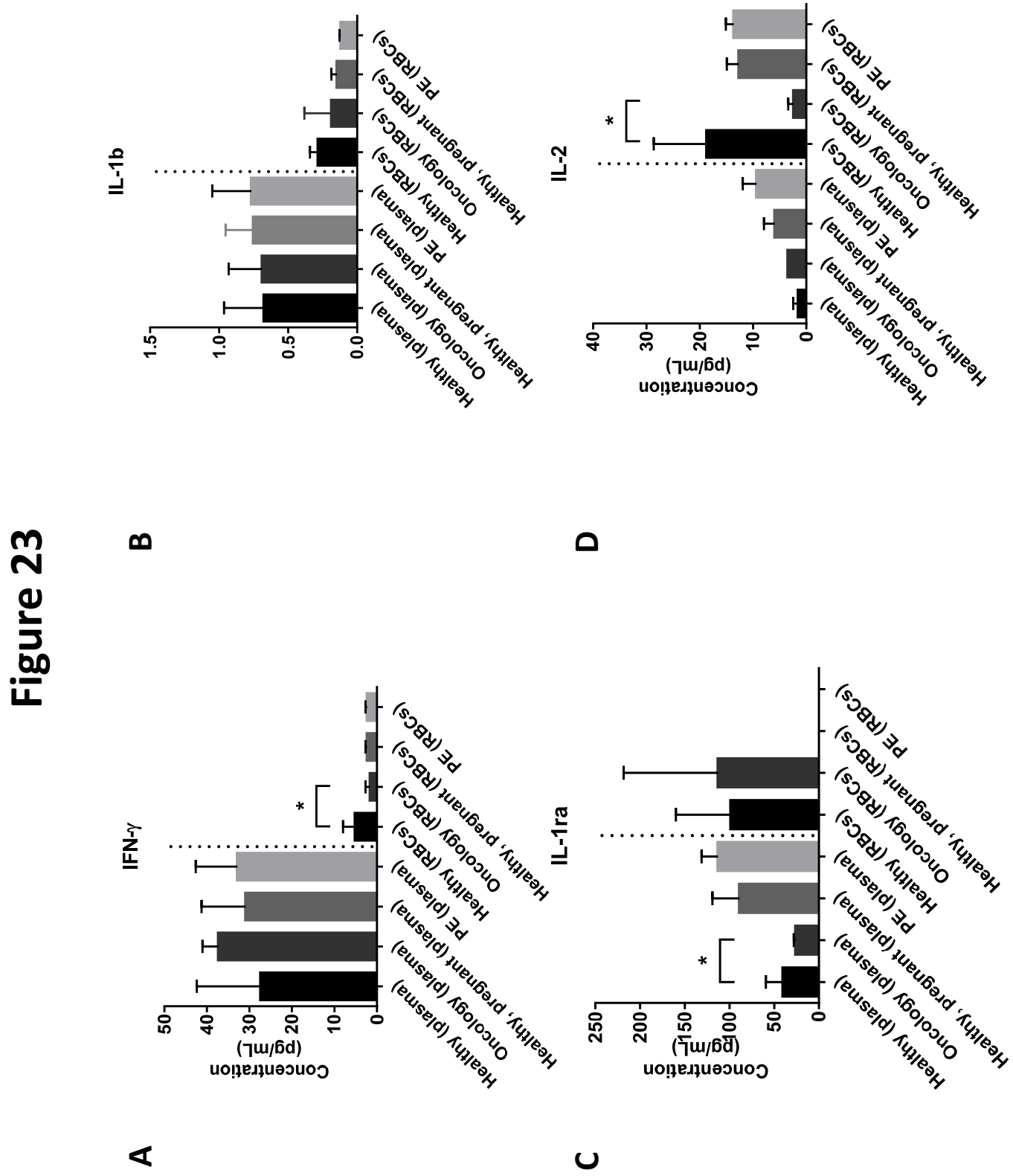

A
IFN-γ
Concentration (pg/mL)
0
10
20
30
40
50
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
B
IL-1b
0.0
0.5
1.0
1.5
C
IL-1ra
Concentration (pg/mL)
0
50
100
150
200
250
*
D
IL-2
Concentration (pg/mL)
0
10
20
30
40
*

Figure 23

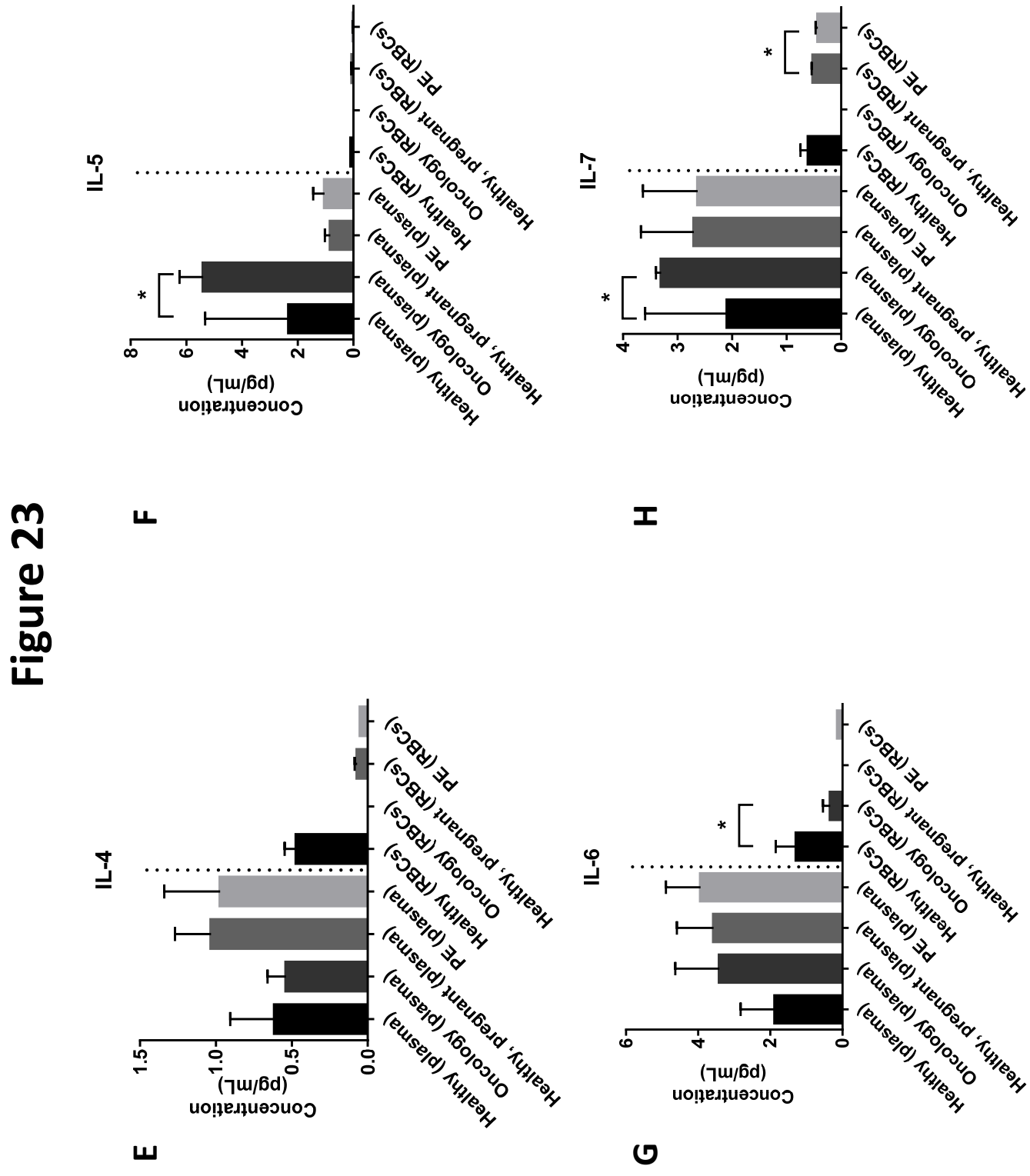

E
IL-4
Concentration (pg/mL)
0.0
0.5
1.0
1.5
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
F
IL-5
Concentration (pg/mL)
0
2
4
6
8
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
G
IL-6
Concentration (pg/mL)
0
2
4
6
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
H
IL-7
Concentration (pg/mL)
0
1
2
3
4
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 23

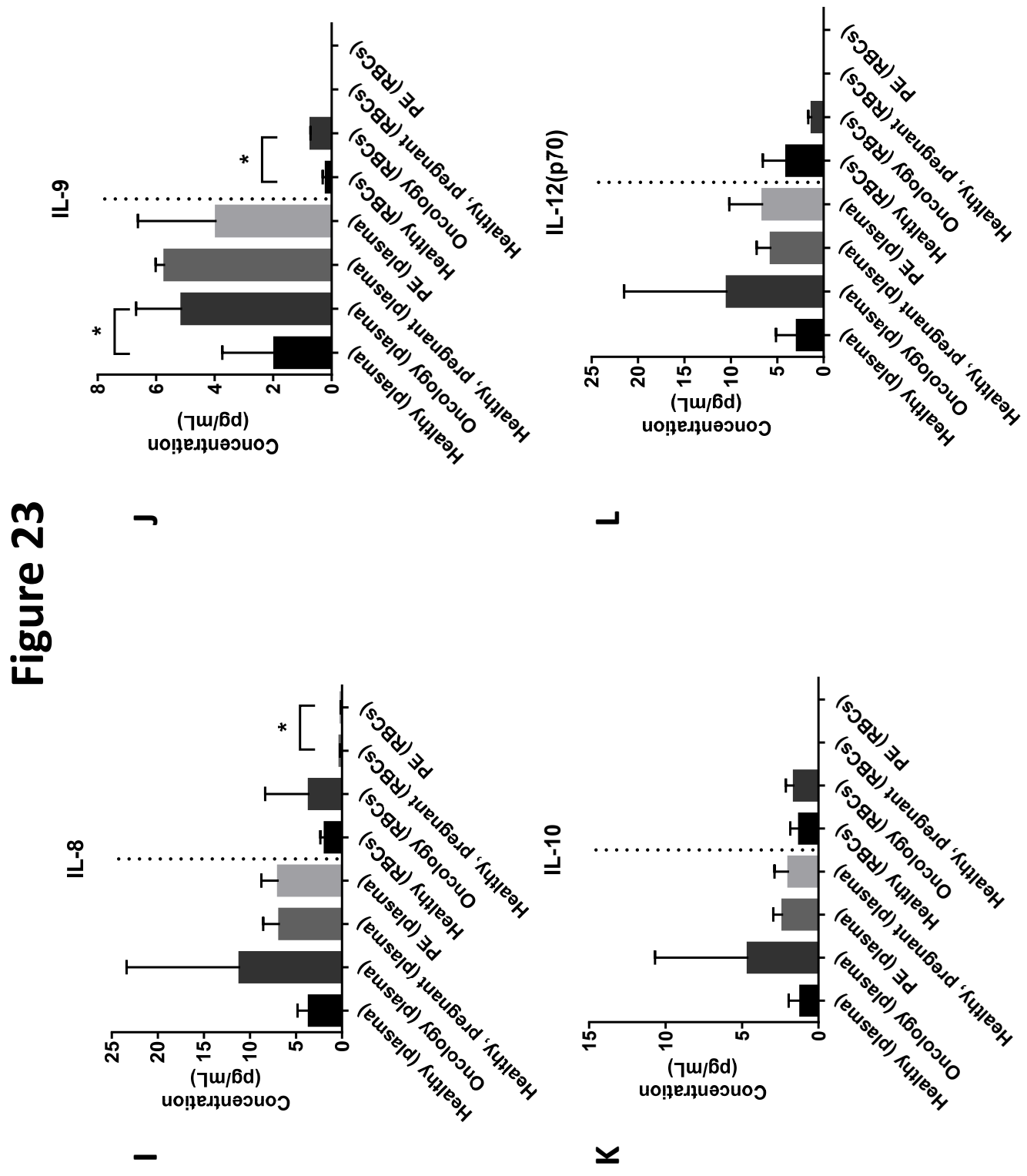

I
IL-8
Concentration (pg/mL)
0
5
10
15
20
25
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
J
IL-9
Concentration (pg/mL)
0
2
4
6
8
*
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
K
IL-10
Concentration (pg/mL)
0
5
10
15
Healthy (plasma)
Oncology (plasma)
PE (plasma)
Healthy, pregnant (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
L
IL-12(p70)
Concentration (pg/mL)
0
5
10
15
20
25
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 23

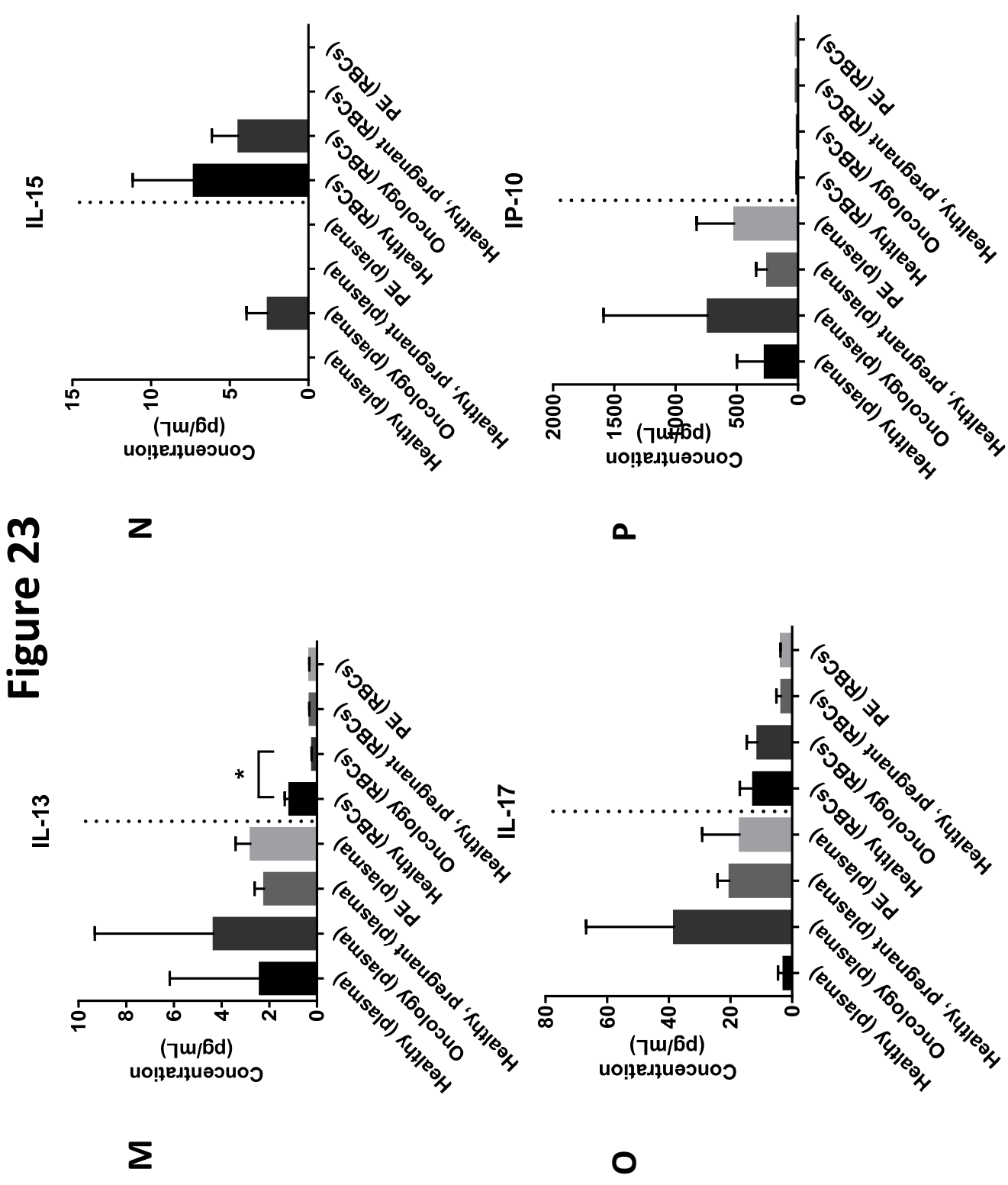

M
IL-13
Concentration (pg/mL)
0
2
4
6
8
10
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
N
IL-15
Concentration (pg/mL)
0
5
10
15
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
O
IL-17
Concentration (pg/mL)
0
20
40
60
80
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
P
IP-10
Concentration (pg/mL)
0
500
1000
1500
2000
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 23

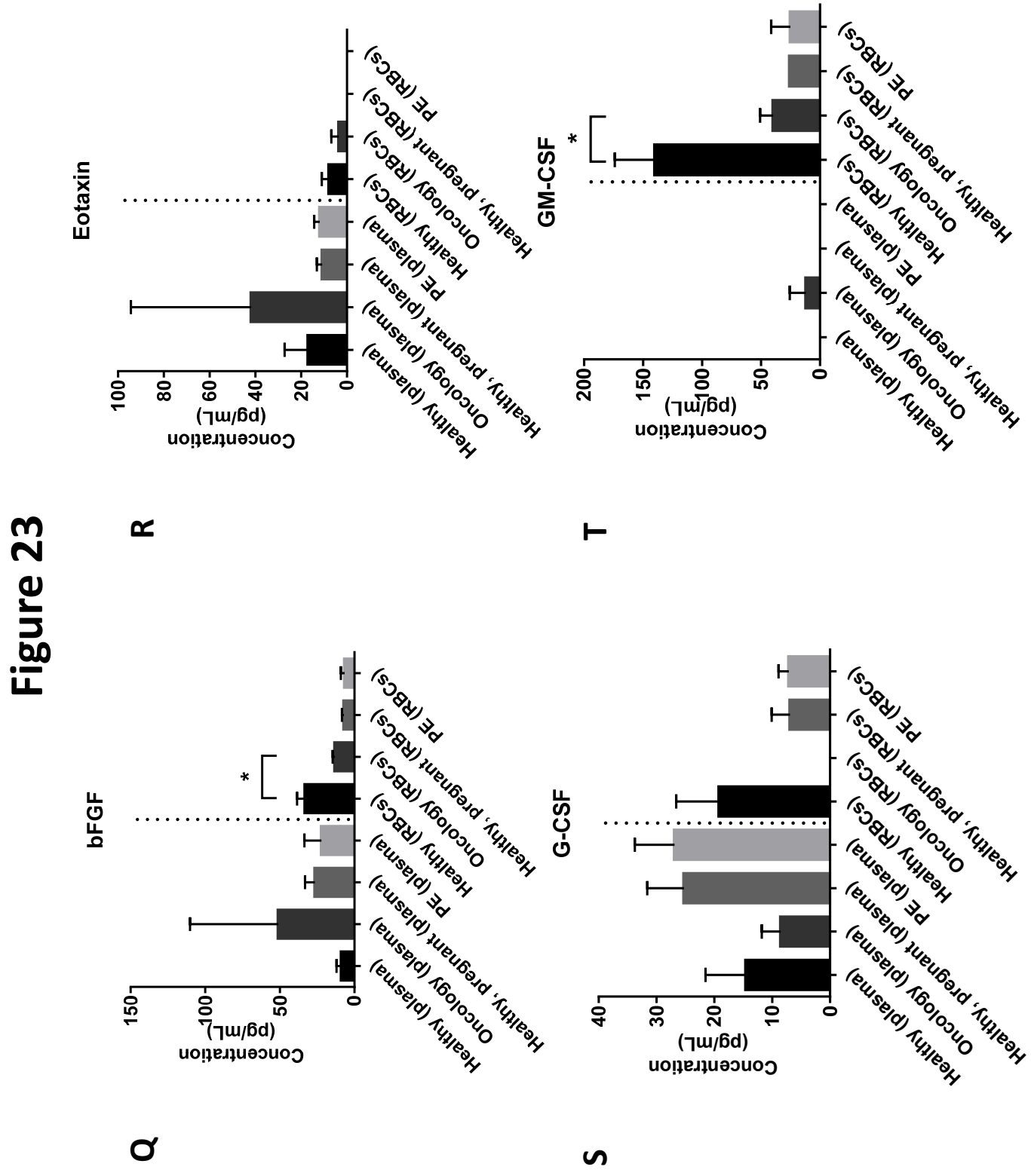

Q
bFGF
Concentration (pg/mL)
150
100
50
0
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
R
Eotaxin
Concentration (pg/mL)
100
80
60
40
20
0
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
S
G-CSF
Concentration (pg/mL)
40
30
20
10
0
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
T
GM-CSF
Concentration (pg/mL)
200
150
100
50
0
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 23

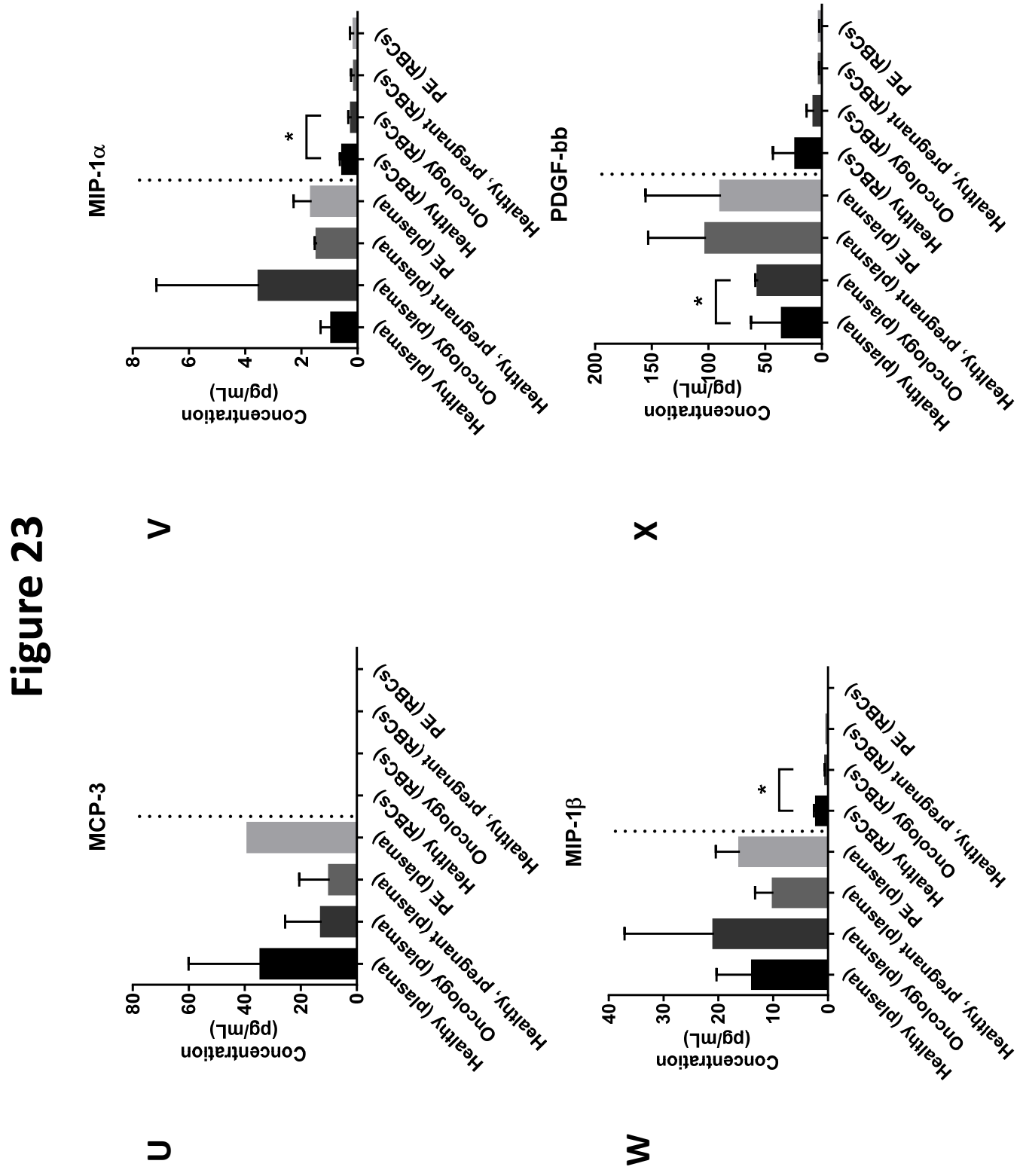

U
MCP-3
Concentration (pg/mL)
0
20
40
60
80
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
V
MIP-1α
Concentration (pg/mL)
0
2
4
6
8
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
W
MIP-1β
Concentration (pg/mL)
0
10
20
30
40
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
X
PDGF-bb
Concentration (pg/mL)
0
50
100
150
200
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 23

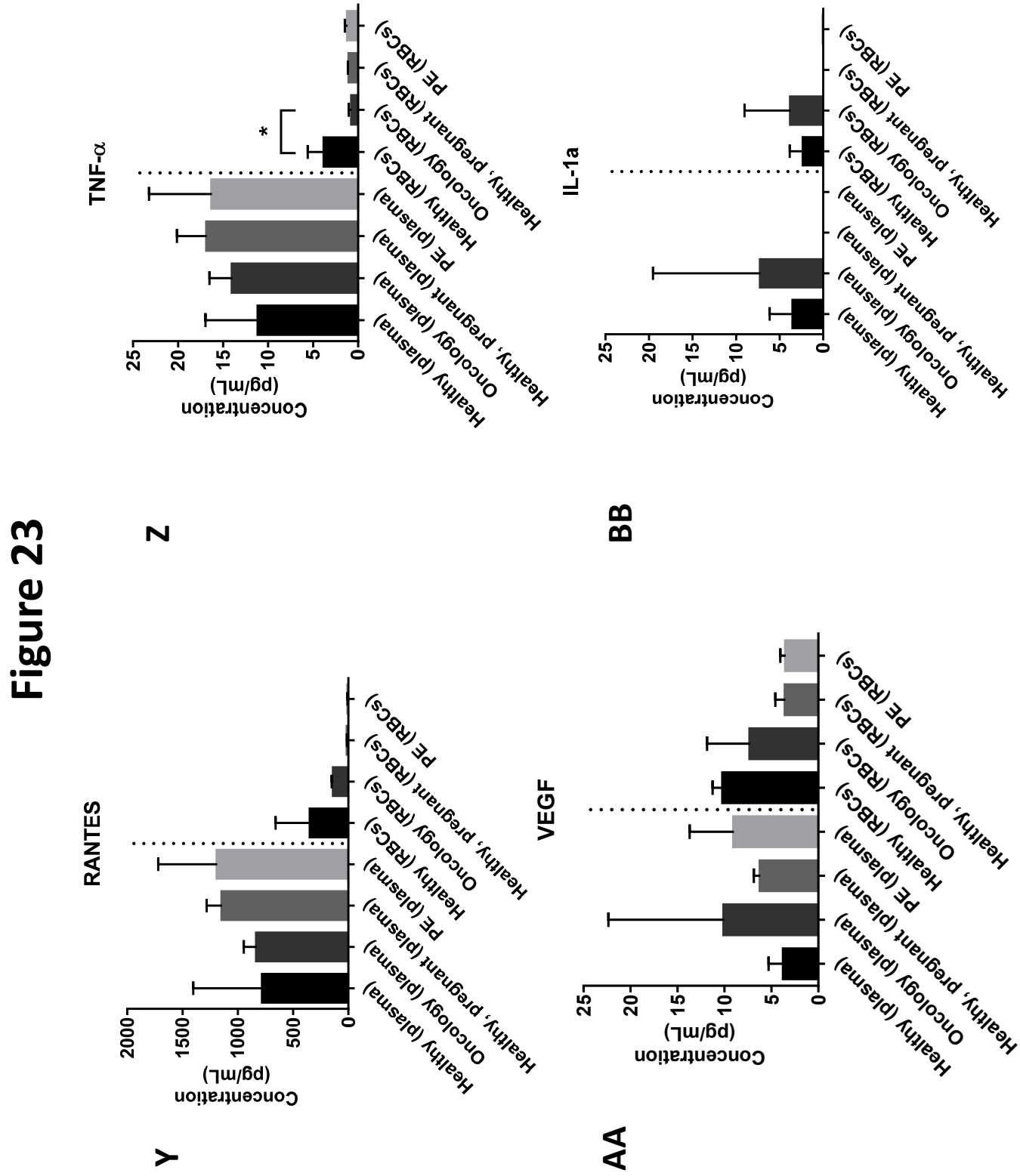

Y
RANTES
Concentration (pg/mL)
2000
1500
1000
500
0
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
Z
TNF-α
Concentration (pg/mL)
25
20
15
10
5
0
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
AA
VEGF
Concentration (pg/mL)
25
20
15
10
5
0
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
BB
IL-1a
Concentration (pg/mL)
25
20
15
10
5
0
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 23

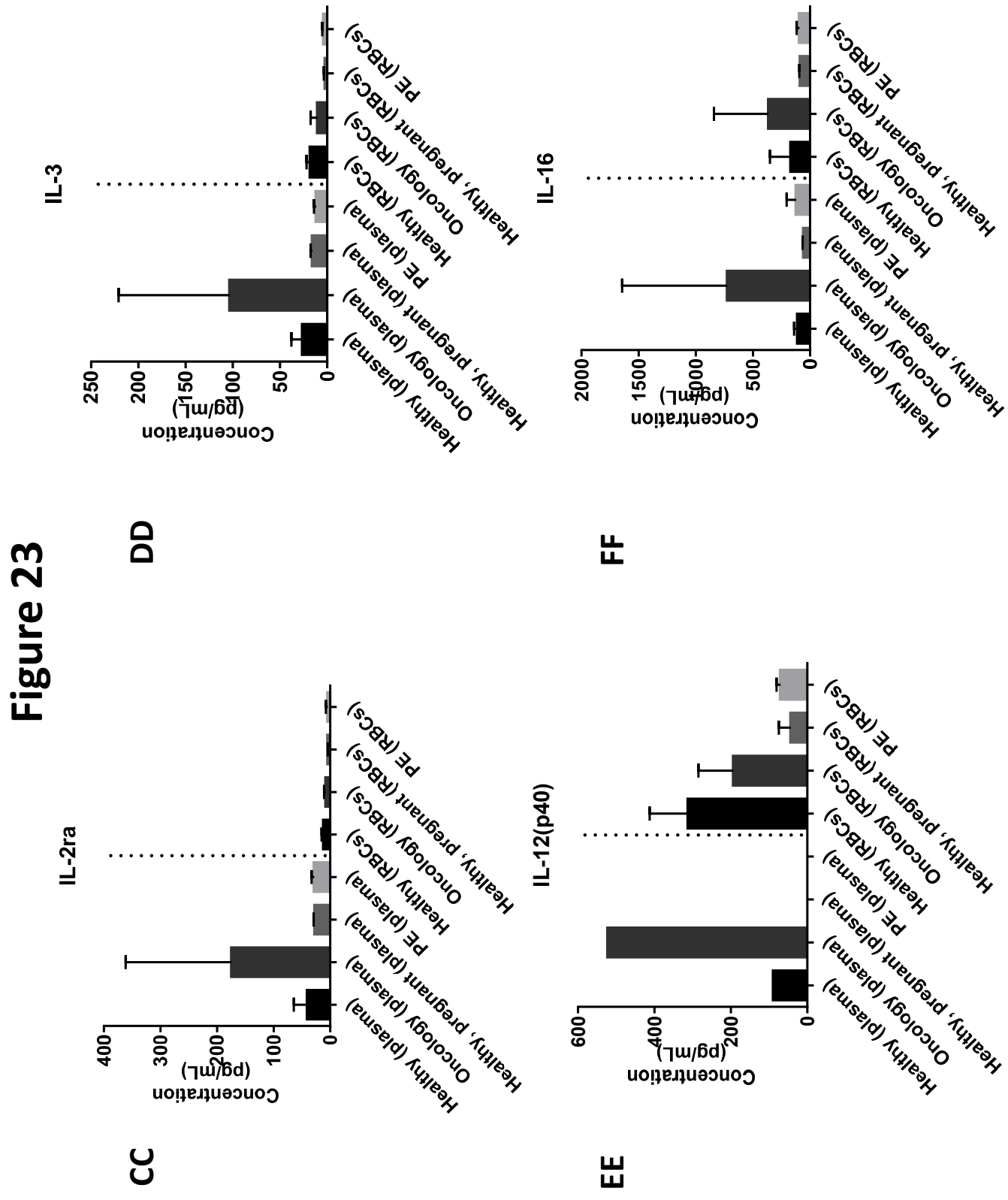

CC
IL-2ra
Concentration (pg/mL)
0
100
200
300
400
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
DD
IL-3
Concentration (pg/mL)
0
50
100
150
200
250
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
EE
IL-12(p40)
Concentration (pg/mL)
0
200
400
600
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
FF
IL-16
Concentration (pg/mL)
0
500
1000
1500
2000
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 23

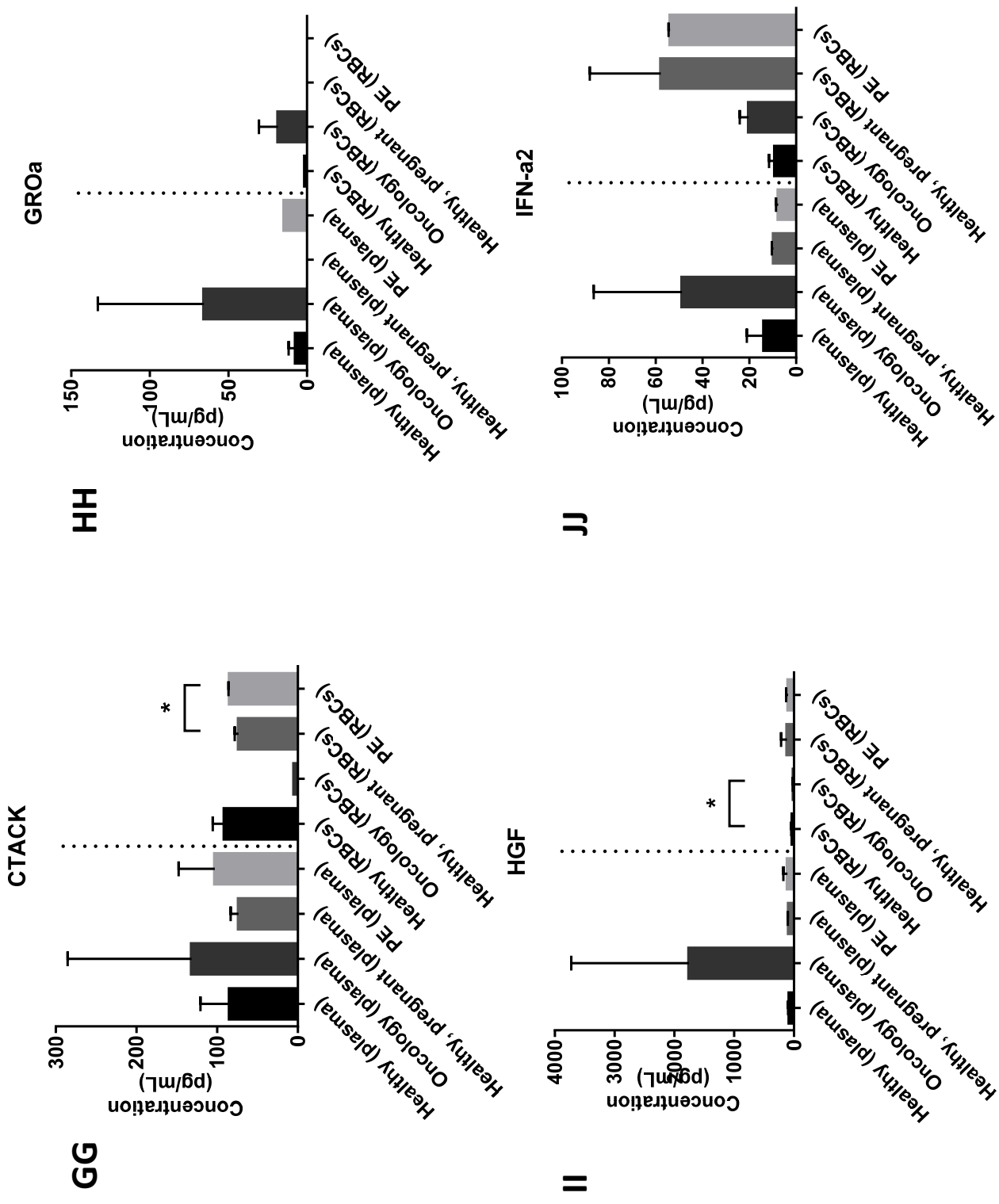

GG
CTACK
Concentration (pg/mL)
0
100
200
300
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
HH
GROa
Concentration (pg/mL)
0
50
100
150
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
II
HGF
Concentration (pg/mL)
0
1000
2000
3000
4000
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
JJ
IFN-a2
Concentration (pg/mL)
0
20
40
60
80
100
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 23

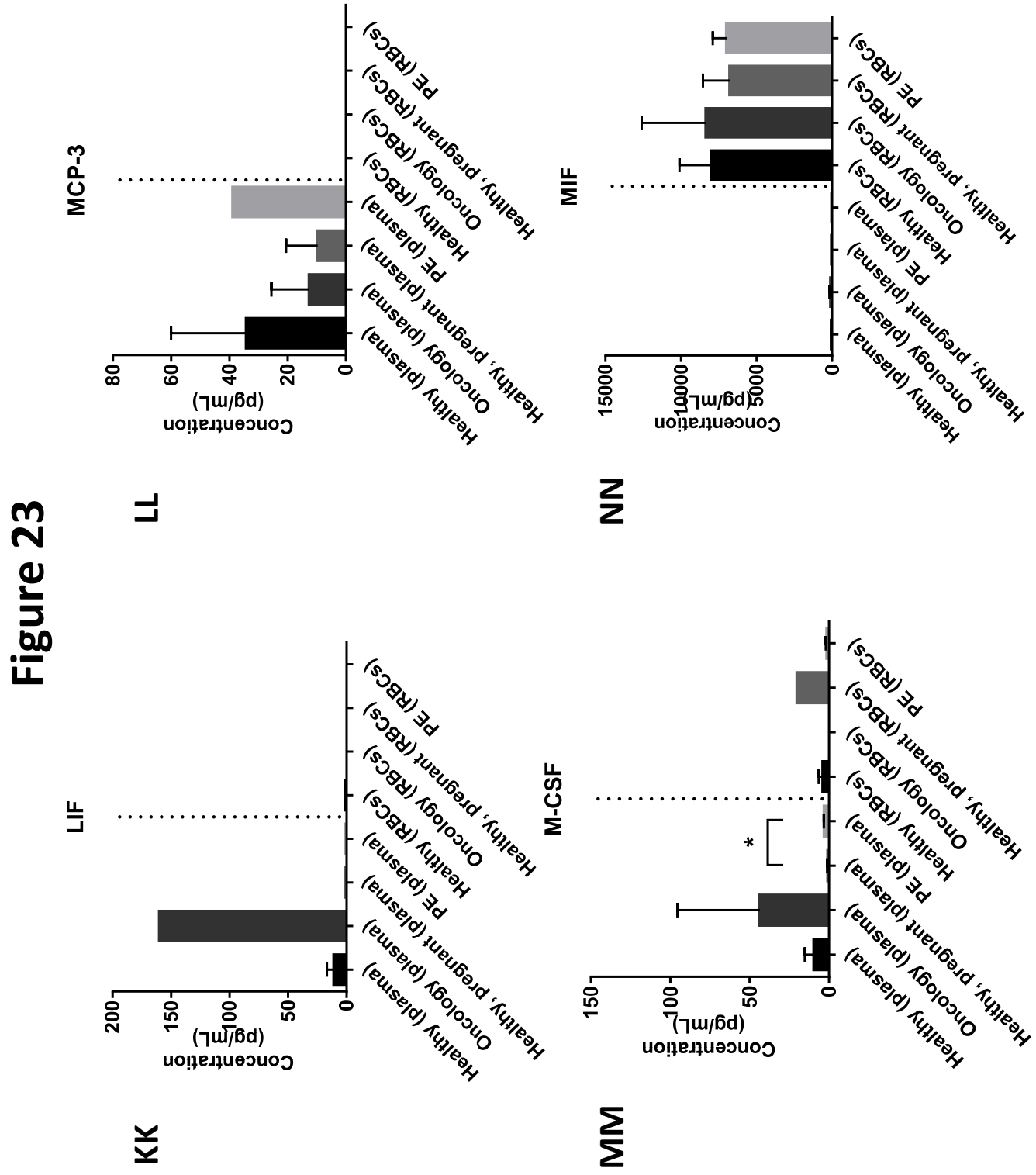

KK
LIF
Concentration (pg/mL)
0
50
100
150
200
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
LL
MCP-3
Concentration (pg/mL)
0
20
40
60
80
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
MM
M-CSF
*
Concentration (pg/mL)
0
50
100
150
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
NN
MIF
Concentration (pg/mL)
0
5000
10000
15000
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 23

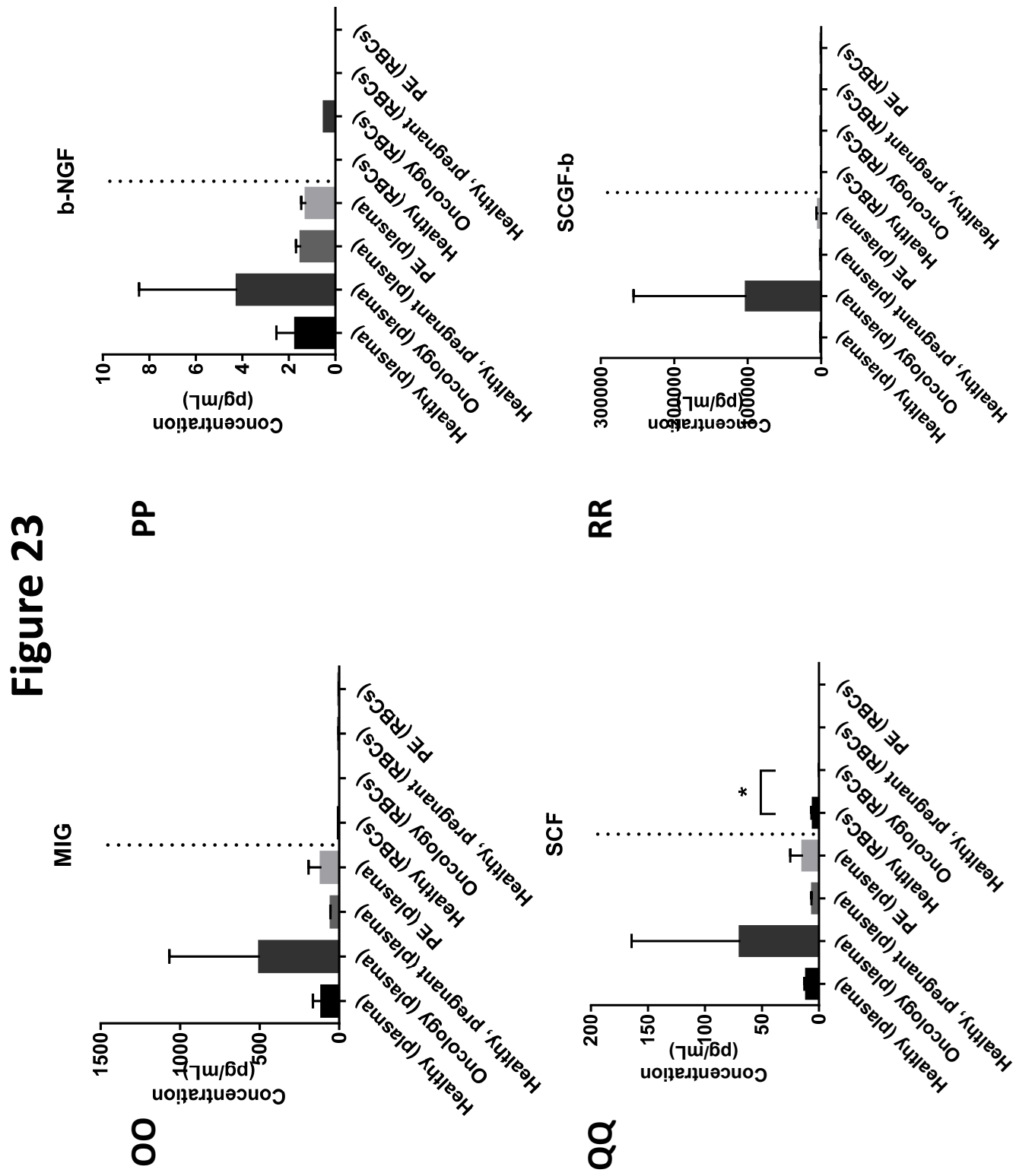

OO
MIG
Concentration (pg/mL)
1500
1000
500
0
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
PP
b-NGF
Concentration (pg/mL)
10
8
6
4
2
0
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
QQ
SCF
Concentration (pg/mL)
200
150
100
50
0
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
RR
SCGF-b
Concentration (pg/mL)
300000
200000
100000
0
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 23

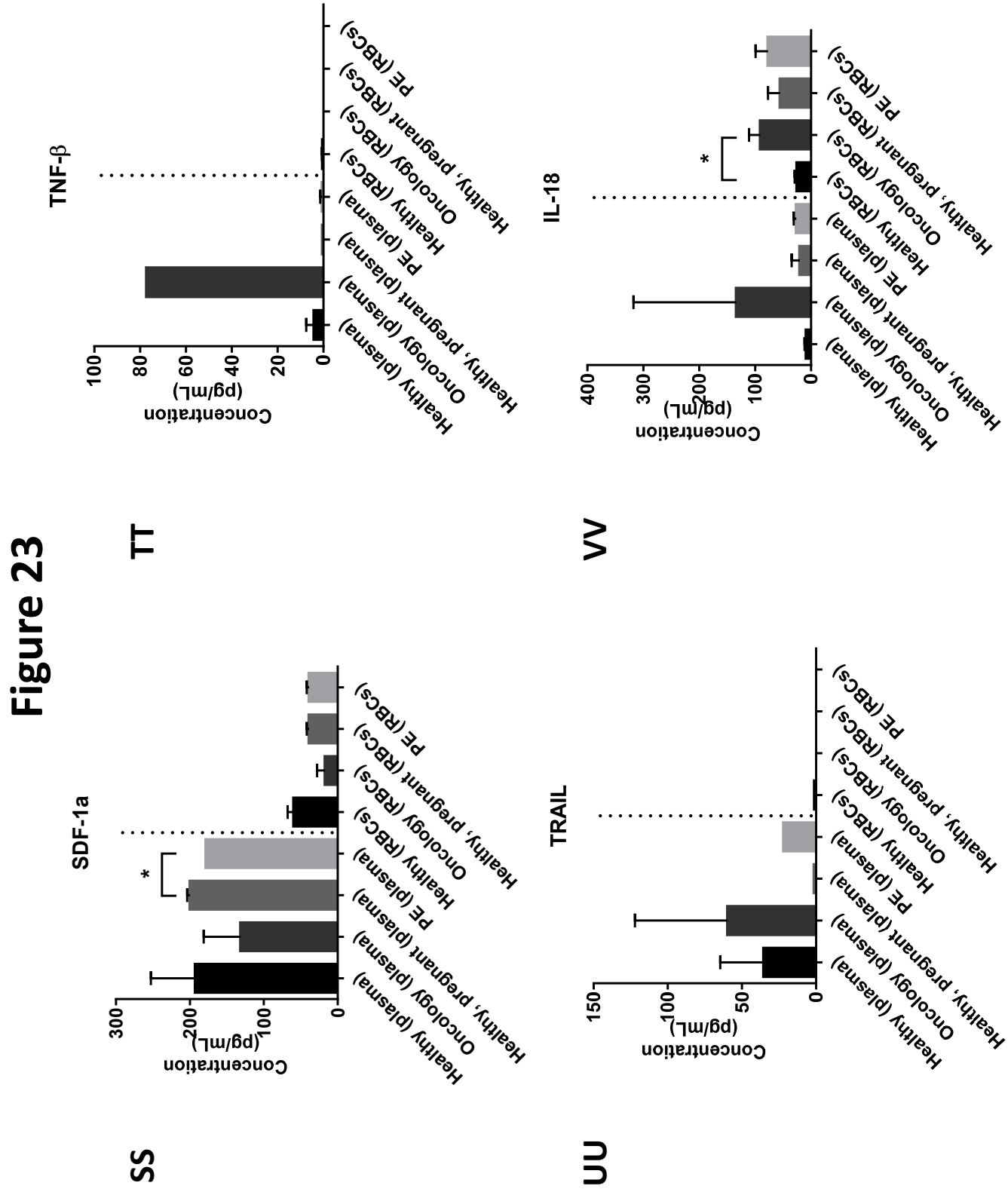

SS
SDF-1a
Concentration (pg/mL)
0
100
200
300
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
TT
TNF-β
Concentration (pg/mL)
0
20
40
60
80
100
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
UU
TRAIL
Concentration (pg/mL)
0
50
100
150
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
VV
IL-18
Concentration (pg/mL)
0
100
200
300
400
*
Healthy (plasma)
Oncology (plasma)
Healthy, pregnant (plasma)
PE (plasma)
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 24A

Analyte	Plasma*			RBCs*			Fold change
	No. of subjects	pg/mL of whole blood		No. of subjects	pg/mL of whole blood		
		Conc.	SD		Conc.	SD	
Pro-inflammatory							
IFN-α2	3	24.4	*18.9*	3	251.5	*32.4*	14.97
IFN-γ	3	18.6	*1.9*	3	18.3	*12.2*	0.96
IL-1α	3	3.6	*6.2*	3	35.9	*44.3*	156.39
IL-1β	3	0.3	*0.1*	3	1.9	*1.5*	7.28
IL-5	3	2.7	*0.4*	0	-	-	-
IL-8	3	5.5	*6.2*	2	31.9	*41.8*	1.93
IL-9	3	2.6	*0.8*	2	7.8	*2.5*	2.10
IL-12(p70)	3	5.2	*5.6*	3	15.3	*5.6*	6.11
IL-15	3	1.3	*0.7*	3	53.6	*20.3*	62.29
IL-17	3	19.1	*14.4*	3	132.8	*26.2*	9.75
IL-18	3	67.0	*91.9*	3	1209.7	*535.3*	79.51
MIF	3	45.5	*47.2*	3	8348.1	*4259.3*	280.31
TNF-α	3	7.0	*1.3*	2	8.5	*6.0*	0.83
TNF-β	1	77.24	-	0	-	-	-
TRAIL	3	29.9	*31.2*	0	-	-	-

Figure 24B

Analyte	Plasma*			RBCs*			Fold change
	No. of subjects	pg/mL of whole blood		No. of subjects	pg/mL of whole blood		
		Conc.	SD		Conc.	SD	
Anti-inflammatory							
IL-1ra	3	13.1	*0.9*	3	1182.4	*970.5*	87.35
IL2-ra	3	87.3	*93.7*	3	108.5	*73.6*	2.63
IL-4	3	0.3	*0.1*	-	-	-	-
IL-10	3	2.3	*3.0*	3	19.0	*6.0*	118.47
IL-13	3	2.2	*2.5*	3	2.4	*1.4*	3.42
Chemokines							
CTACK	3	65.9	*76.9*	1	64.9	-	1.81
Eotaxin	3	20.9	*26.3*	3	38.6	*23.1*	3.67
GRO-α	3	32.9	*33.7*	3	217.6	*98.0*	10.11
IL-16	3	361.8	*461.0*	3	3563.4	*3915.3*	12.29
MCP-1	3	7.0	*7.8*	3	285.2	*63.1*	95.56
MCP-3	2	6.3	*6.5*	0	-	-	-
MIG	3	249.7	*285.1*	0	-	-	-
MIP-1α	3	1.8	*1.8*	3	3.0	*2.4*	3.76
MIP-1β	3	10.4	*8.2*	3	4.6	*1.8*	0.87
RANTES	3	415.3	*58.0*	3	1717.1	*398.8*	4.10
SDF-1α	3	65.7	*25.0*	2	246.5	*231.5*	2.82

Figure 24C

Analyte	Plasma*			RBCs*			Fold change
	No. of subjects	pg/mL of whole blood		No. of subjects	pg/mL of whole blood		
		Conc.	SD		Conc.	SD	
Anti-inflammatory							
IL-1ra	3	13.1	*0.9*	3	1182.4	*970.5*	87.35
IL2-ra	3	87.3	*93.7*	3	108.5	*73.6*	2.63
IL-4	3	0.3	*0.1*	-	-	-	-
IL-10	3	2.3	*3.0*	3	19.0	*6.0*	118.47
IL-13	3	2.2	*2.5*	3	2.4	*1.4*	3.42
Chemokines							
CTACK	3	65.9	*76.9*	1	64.9	-	1.81
Eotaxin	3	20.9	*26.3*	3	38.6	*23.1*	3.67
GRO-α	3	32.9	*33.7*	3	217.6	*98.0*	10.11
IL-16	3	361.8	*461.0*	3	3563.4	*3915.3*	12.29
MCP-1	3	7.0	*7.8*	3	285.2	*63.1*	95.56
MCP-3	2	6.3	*6.5*	0	-	-	-
MIG	3	249.7	*285.1*	0	-	-	-
MIP-1α	3	1.8	*1.8*	3	3.0	*2.4*	3.76
MIP-1β	3	10.4	*8.2*	3	4.6	*1.8*	0.87
RANTES	3	415.3	*58.0*	3	1717.1	*398.8*	4.10
SDF-1α	3	65.7	*25.0*	2	246.5	*231.5*	2.82

Figure 25

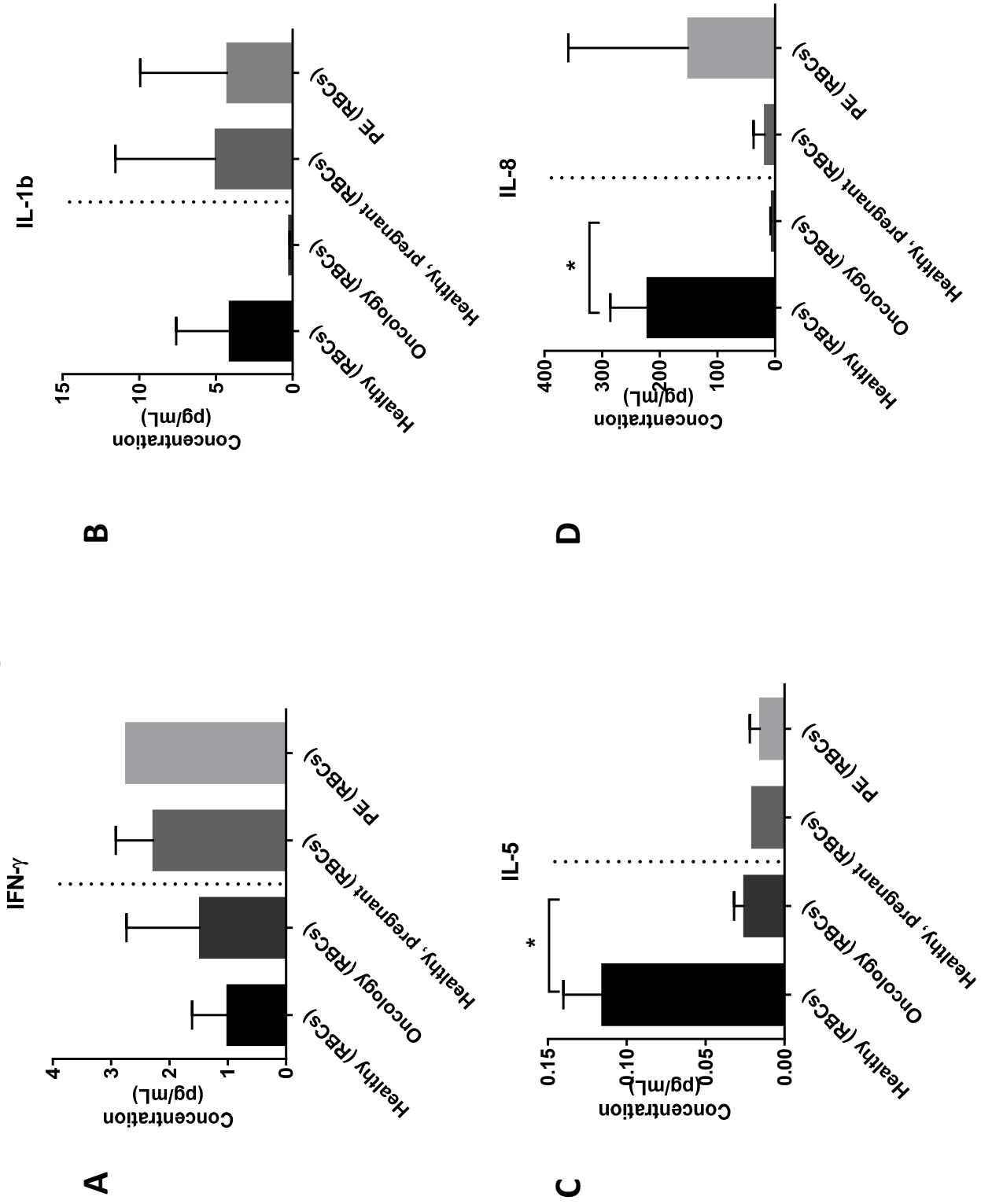

A
IFN-γ
Concentration (pg/mL)
0
1
2
3
4
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
B
IL-1b
Concentration (pg/mL)
0
5
10
15
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
C
IL-5
Concentration (pg/mL)
0.00
0.05
0.10
0.15
*
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
D
IL-8
Concentration (pg/mL)
0
100
200
300
400
*
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 25

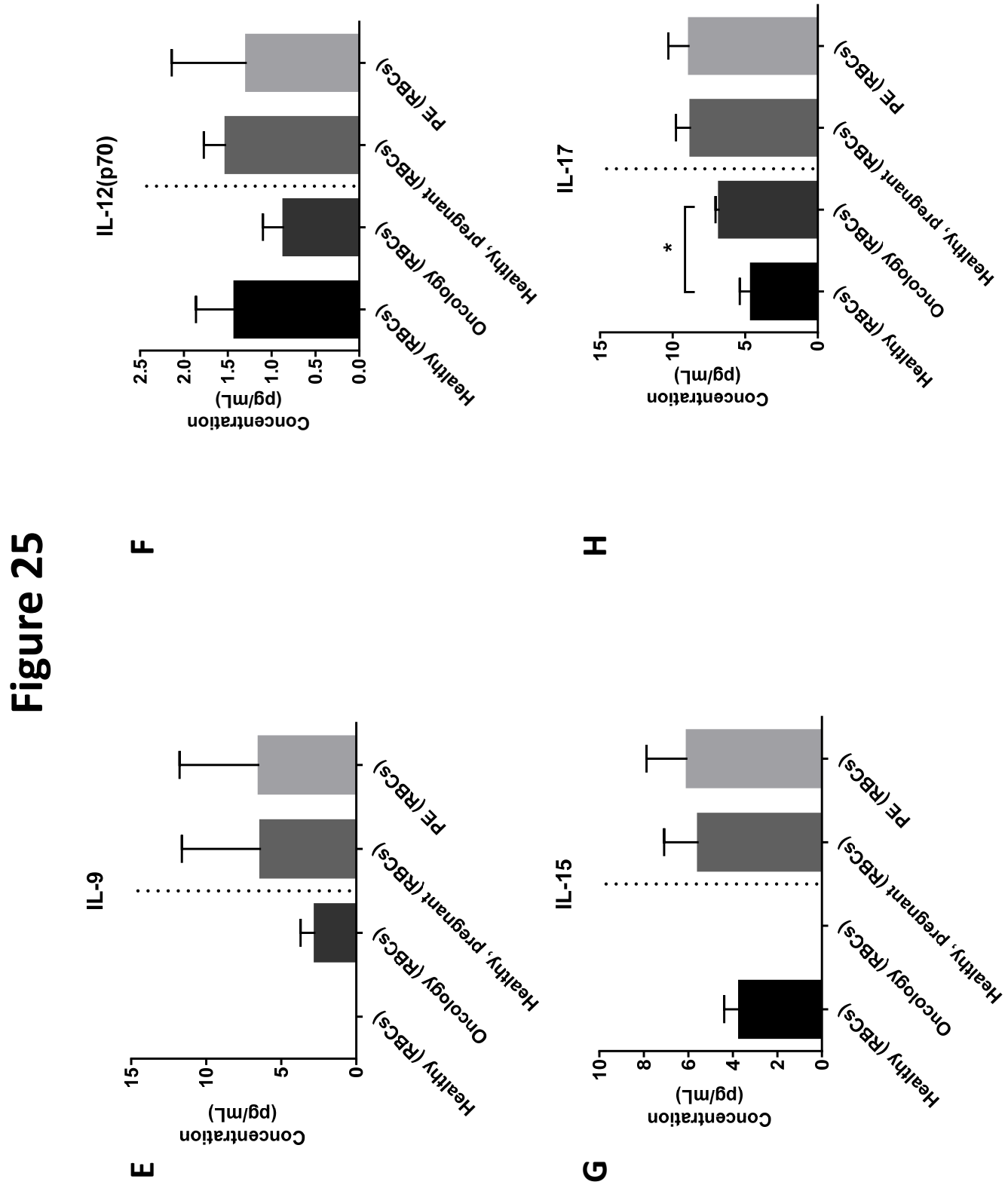

E
IL-9
Concentration (pg/mL)
0
5
10
15
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
F
IL-12(p70)
Concentration (pg/mL)
0.0
0.5
1.0
1.5
2.0
2.5
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
G
IL-15
Concentration (pg/mL)
0
2
4
6
8
10
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
H
IL-17
Concentration (pg/mL)
0
5
10
15
*
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 25

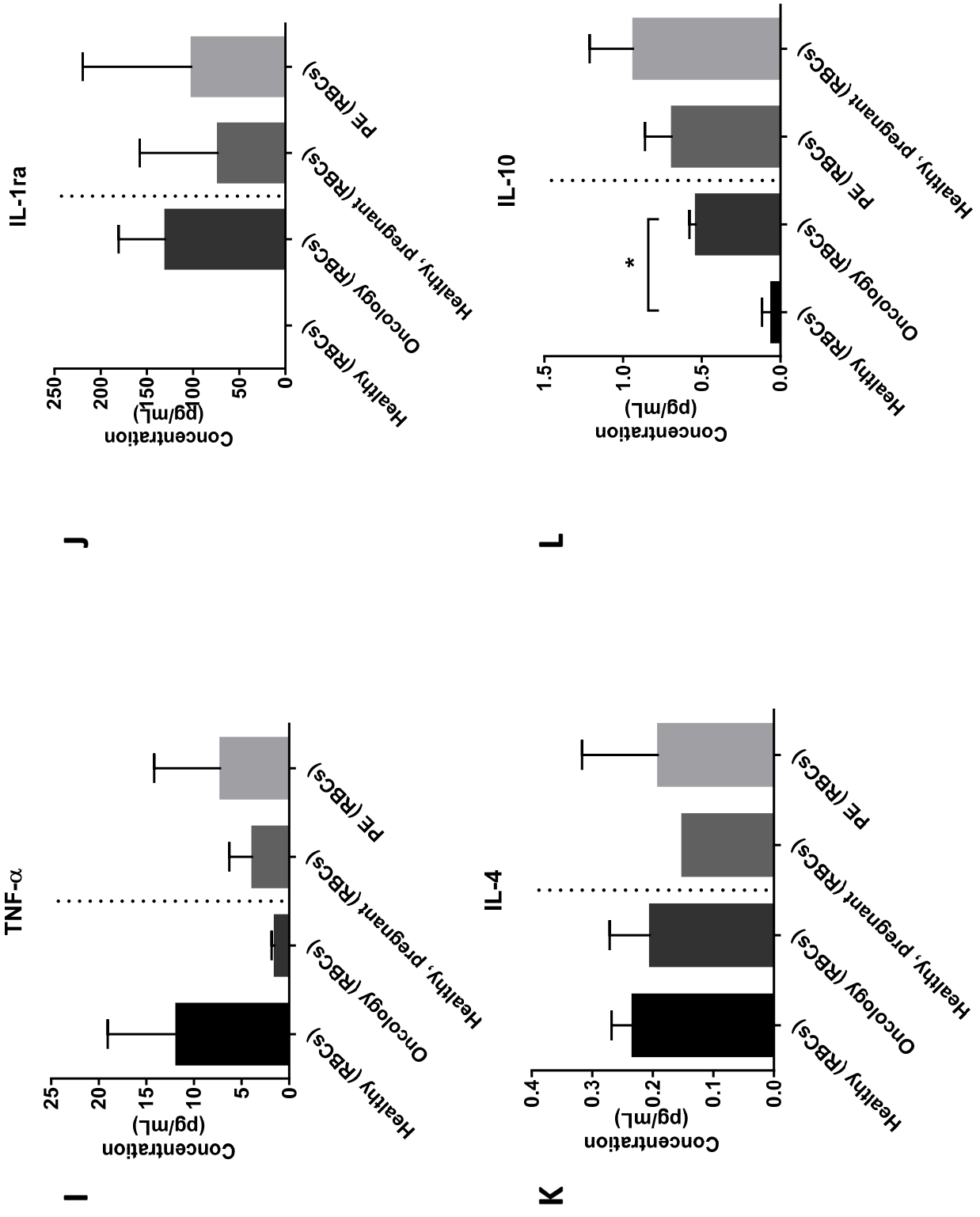

I
TNF-α
Concentration (pg/mL)
25
20
15
10
5
0
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
J
IL-1ra
Concentration (pg/mL)
250
200
150
100
50
0
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
K
IL-4
Concentration (pg/mL)
0.4
0.3
0.2
0.1
0.0
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
L
IL-10
Concentration (pg/mL)
1.5
1.0
0.5
0.0
*
Healthy (RBCs)
Oncology (RBCs)
PE (RBCs)
Healthy, pregnant (RBCs)

Figure 25

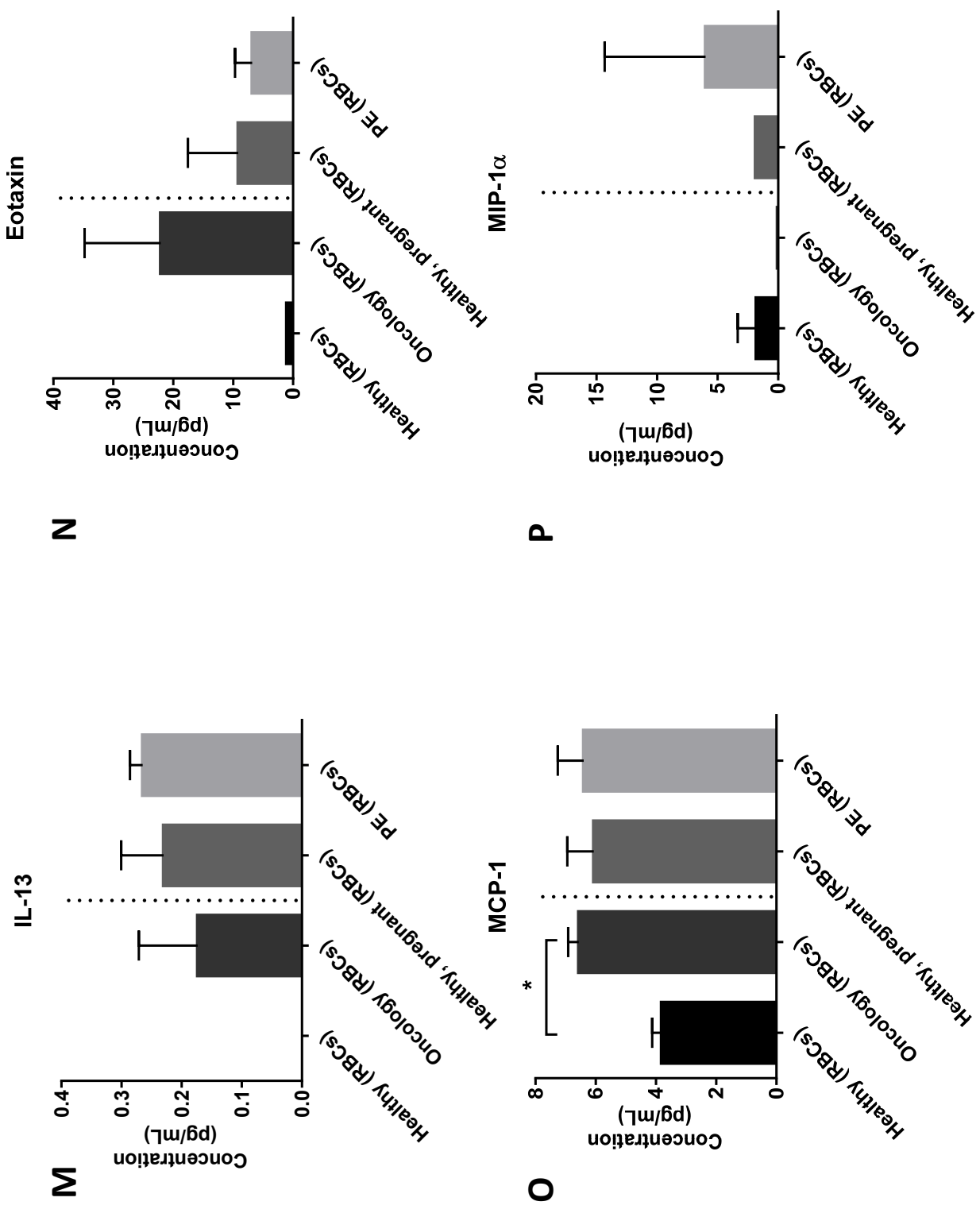

M
IL-13
Concentration (pg/mL)
0.0
0.1
0.2
0.3
0.4
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
N
Eotaxin
Concentration (pg/mL)
0
10
20
30
40
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
O
MCP-1
*
Concentration (pg/mL)
0
2
4
6
8
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
P
MIP-1α
Concentration (pg/mL)
0
5
10
15
20
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 25

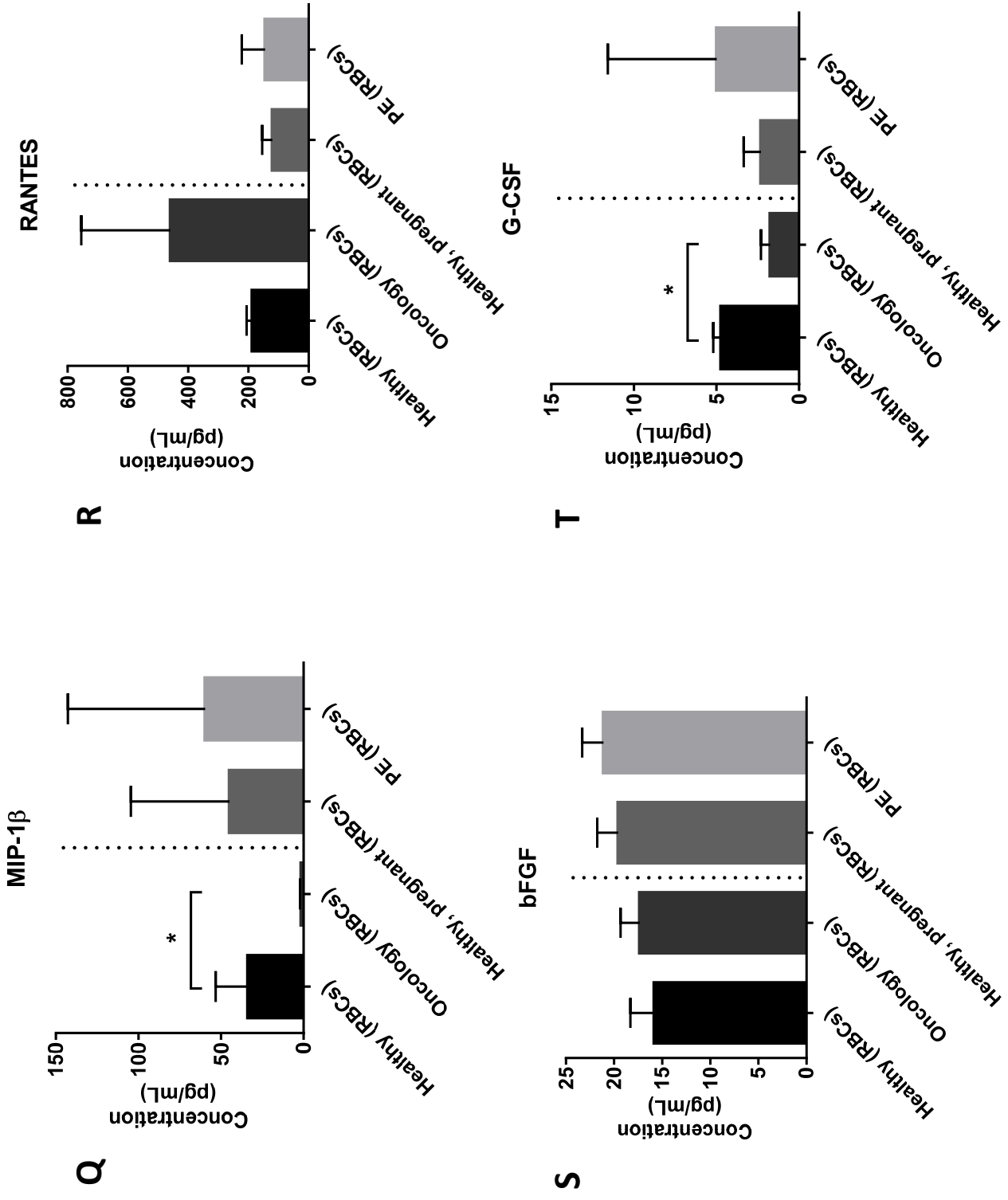

Q
MIP-1β
Concentration (pg/mL)
150
100
50
0
*
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
R
RANTES
Concentration (pg/mL)
800
600
400
200
0
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
S
bFGF
Concentration (pg/mL)
25
20
15
10
5
0
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
T
G-CSF
Concentration (pg/mL)
15
10
5
0
*
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 25

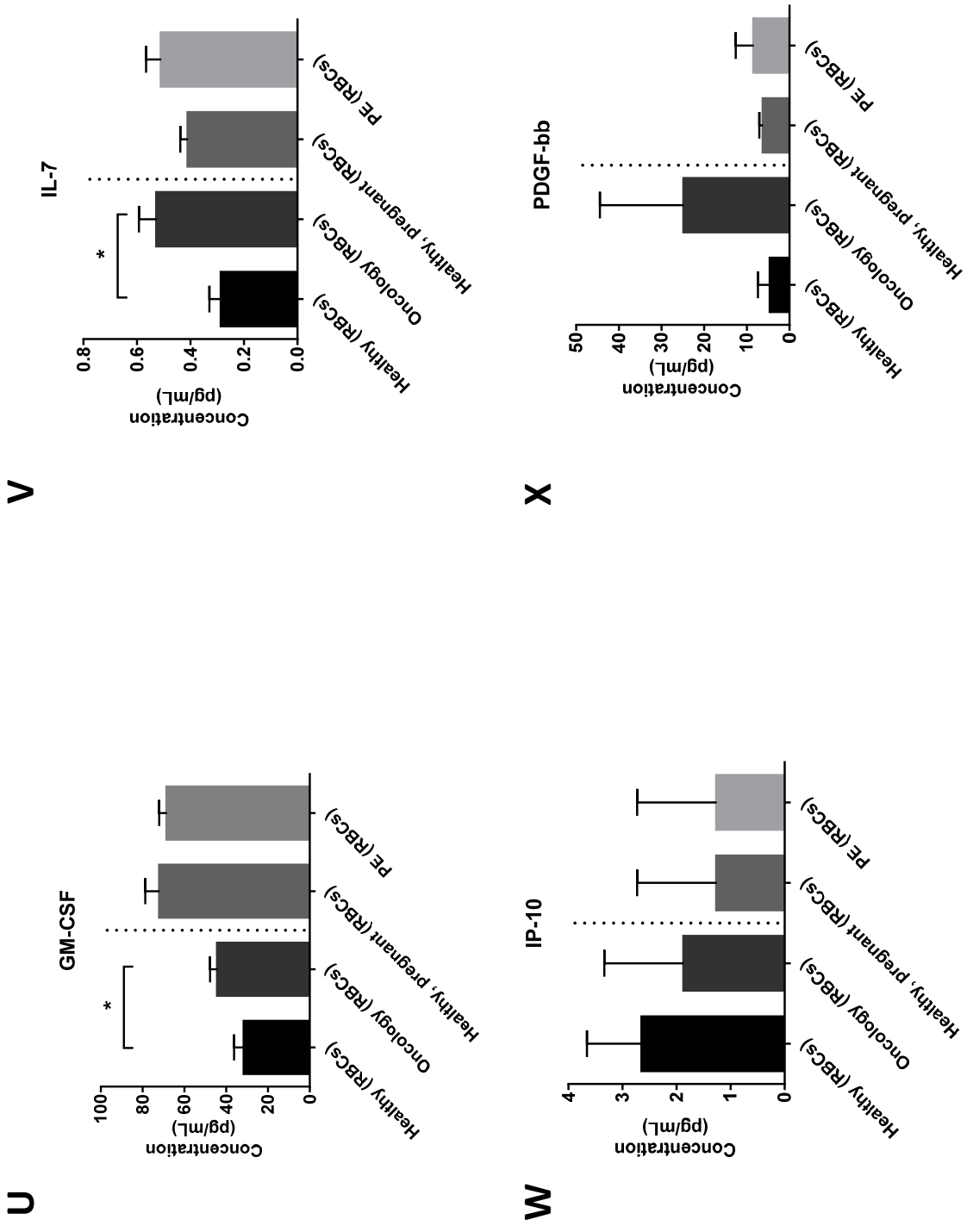
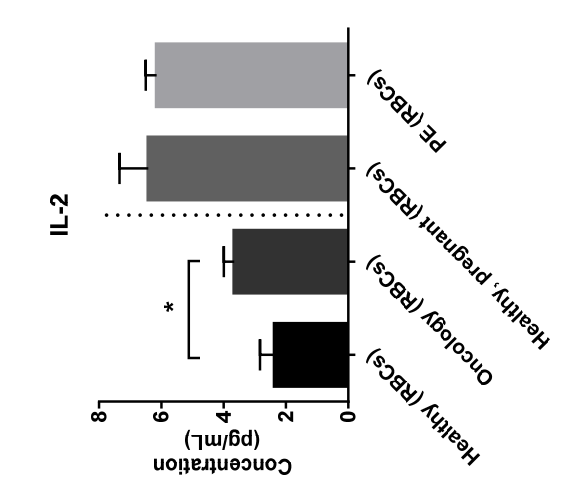
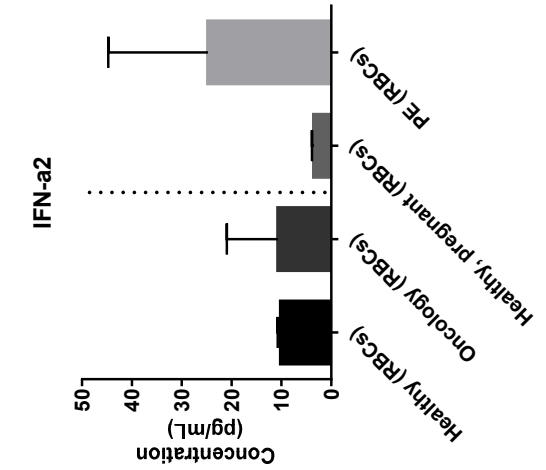
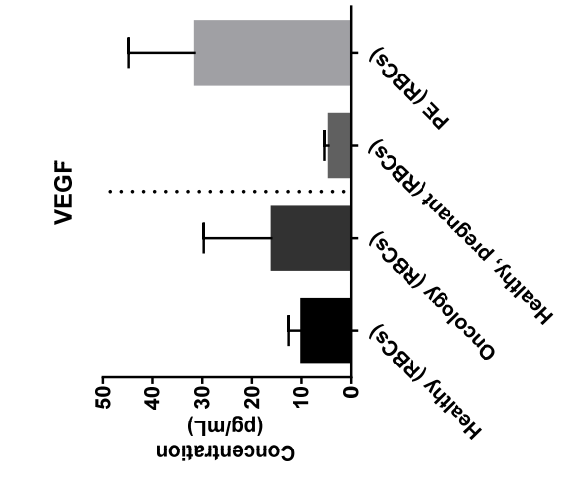

U
GM-CSF
Concentration (pg/mL)
0
20
40
60
80
100
*
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
V
IL-7
Concentration (pg/mL)
0.0
0.2
0.4
0.6
0.8
*
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
W
IP-10
Concentration (pg/mL)
0
1
2
3
4
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
X
PDGF-bb
Concentration (pg/mL)
0
10
20
30
40
50
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 25


Z
IL-2
Concentration (pg/mL)
0
2
4
6
8
*
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)


BB
IFN-a2
Concentration (pg/mL)
0
10
20
30
40
50
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)


Y
VEGF
Concentration (pg/mL)
0
10
20
30
40
50
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

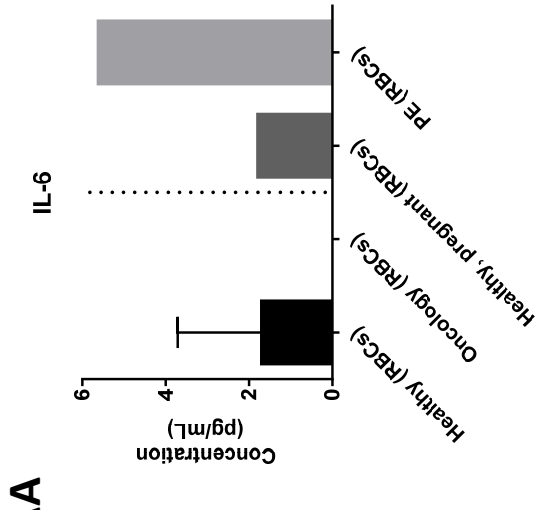

AA
IL-6
Concentration (pg/mL)
0
2
4
6
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 25

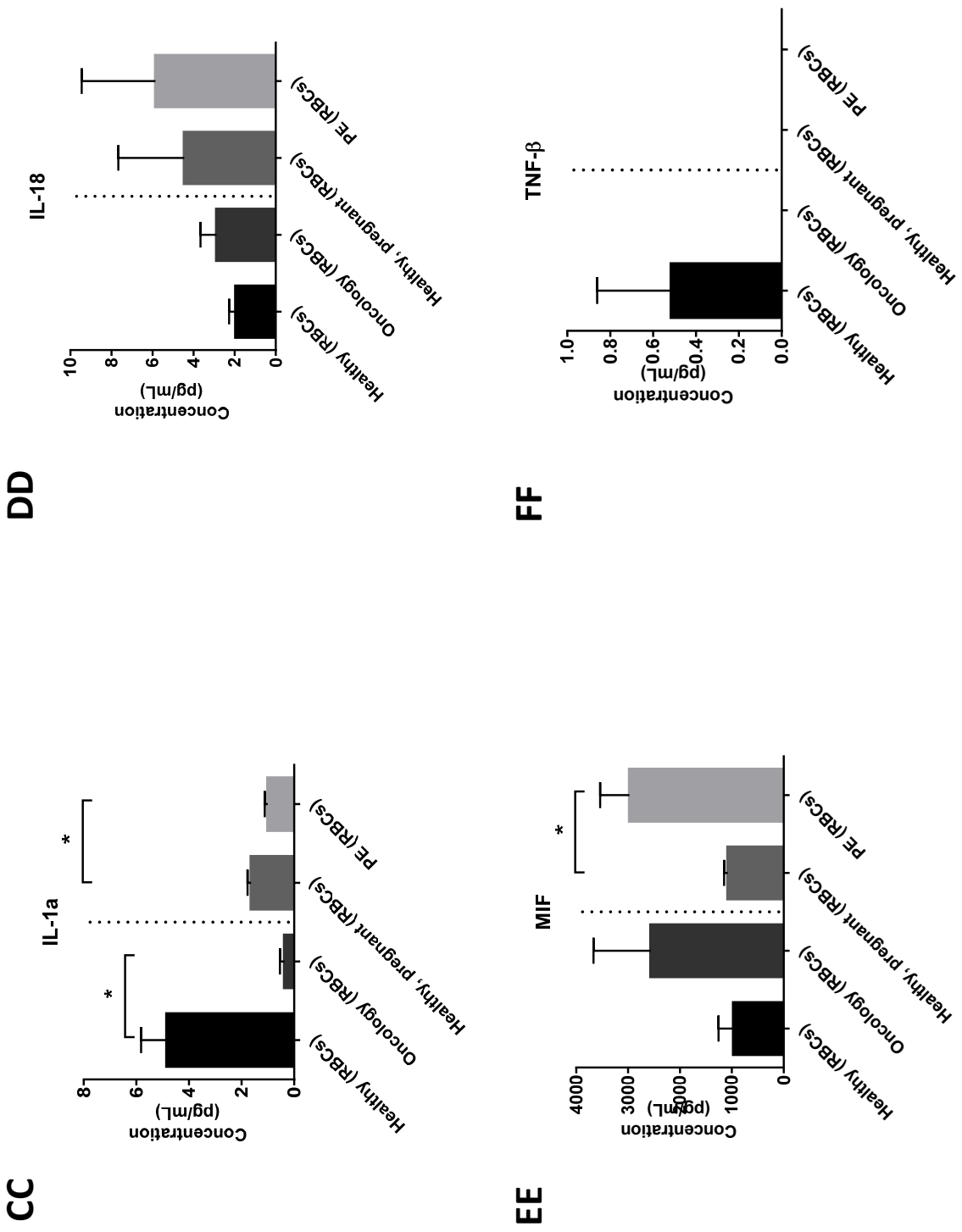
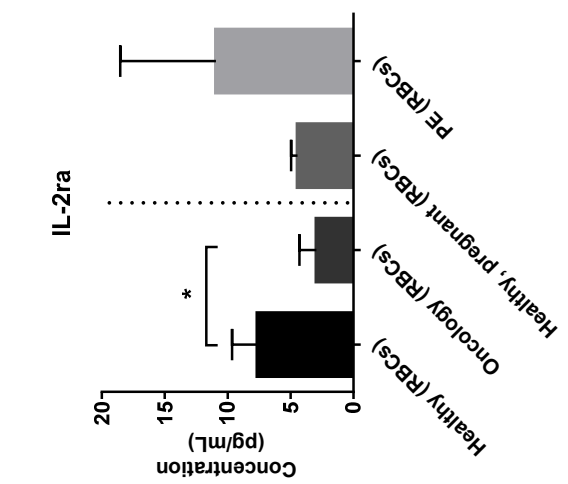
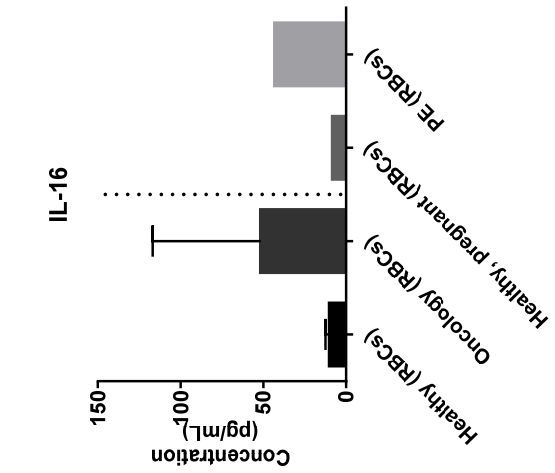
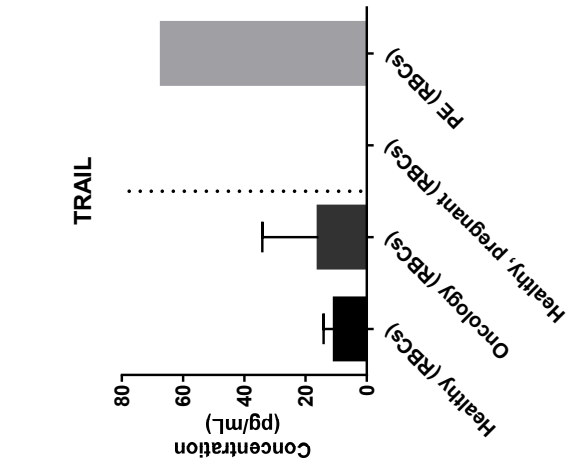

CC
IL-1a
Concentration (pg/mL)
0
2
4
6
8
*
*
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
DD
IL-18
Concentration (pg/mL)
0
2
4
6
8
10
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
EE
MIF
Concentration (pg/mL)
0
1000
2000
3000
4000
*
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)
FF
TNF-β
Concentration (pg/mL)
0.0
0.2
0.4
0.6
0.8
1.0
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 25


HH
IL-2ra
Concentration (pg/mL)
0
5
10
15
20
*
Healthy (RBCs)
Oncology (RBCs)
Healthy, Pregnant (RBCs)
PE (RBCs)


JJ
IL-16
Concentration (pg/mL)
0
50
100
150
Healthy (RBCs)
Oncology (RBCs)
Healthy, Pregnant (RBCs)
PE (RBCs)


GG
TRAIL
Concentration (pg/mL)
0
20
40
60
80
Healthy (RBCs)
Oncology (RBCs)
Healthy, Pregnant (RBCs)
PE (RBCs)

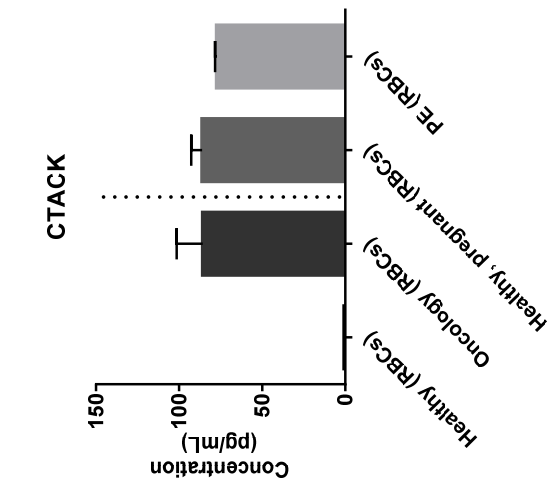
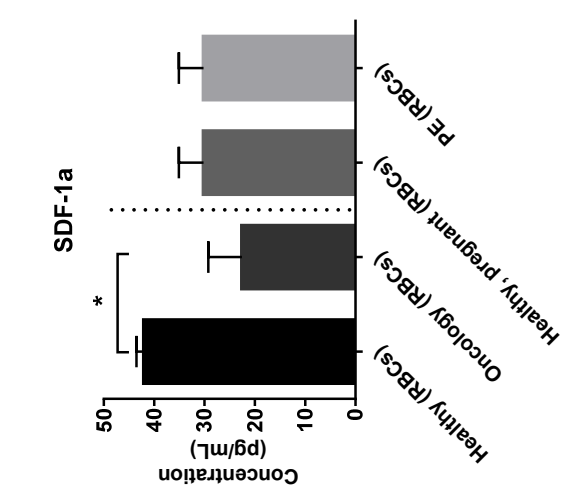
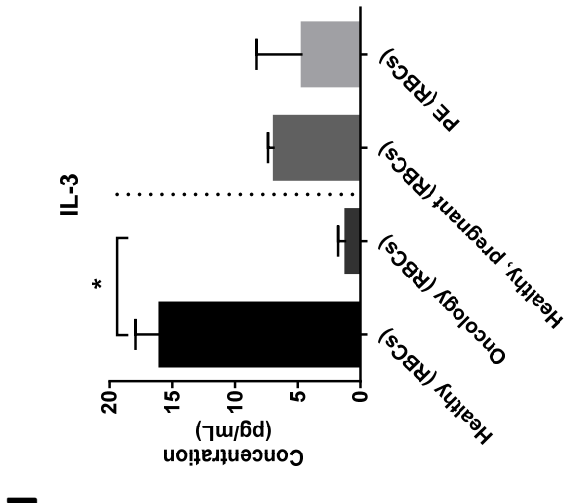
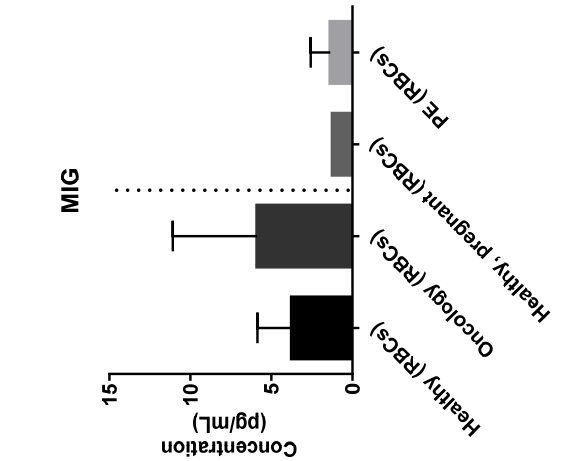

II
CTACK
Concentration (pg/mL)
0
50
100
150
Healthy (RBCs)
Oncology (RBCs)
Healthy, Pregnant (RBCs)
PE (RBCs)

Figure 25


LL
SDF-1a
Concentration (pg/mL)
0
10
20
30
40
50
*
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)


NN
IL-3
Concentration (pg/mL)
0
5
10
15
20
*
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)


KK
MIG
Concentration (pg/mL)
0
5
10
15
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

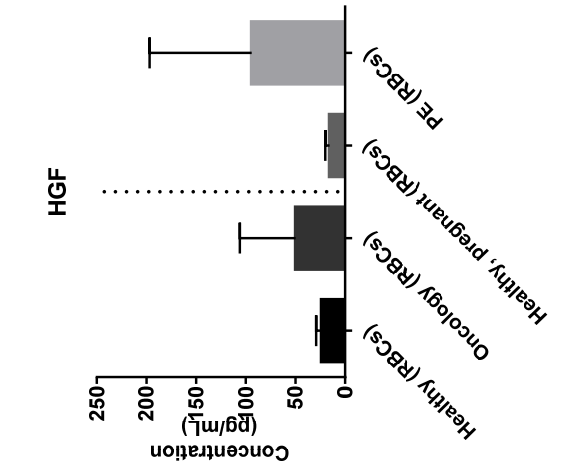
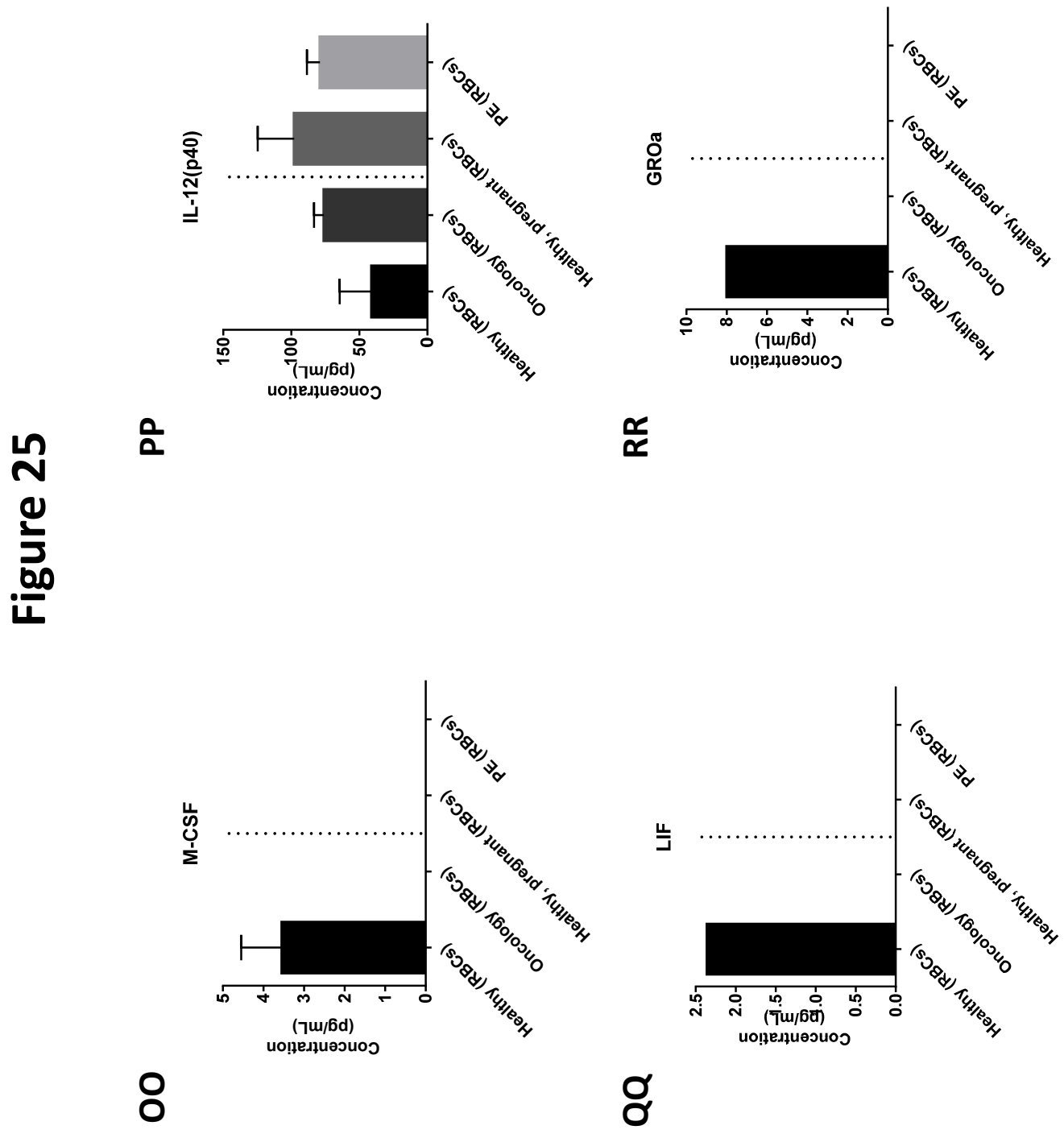

MM
HGF
Concentration (pg/mL)
0
50
100
150
200
250
Healthy (RBCs)
Oncology (RBCs)
Healthy, pregnant (RBCs)
PE (RBCs)

Figure 25


OO
M-CSF
Concentration (pg/mL)
0
1
2
3
4
5
Healthy (RBCs)
Oncology (RBCs)
Healthy, Pregnant (RBCs)
PE (RBCs)
PP
IL-12(p40)
Concentration (pg/mL)
0
50
100
150
Healthy (RBCs)
Oncology (RBCs)
Healthy, Pregnant (RBCs)
PE (RBCs)
QQ
LIF
Concentration (pg/mL)
0.0
0.5
1.0
1.5
2.0
2.5
Healthy (RBCs)
Oncology (RBCs)
Healthy, Pregnant (RBCs)
PE (RBCs)
RR
GROa
Concentration (pg/mL)
0
2
4
6
8
10
Healthy (RBCs)
Oncology (RBCs)
Healthy, Pregnant (RBCs)
PE (RBCs)