Drawings

Fig. 1

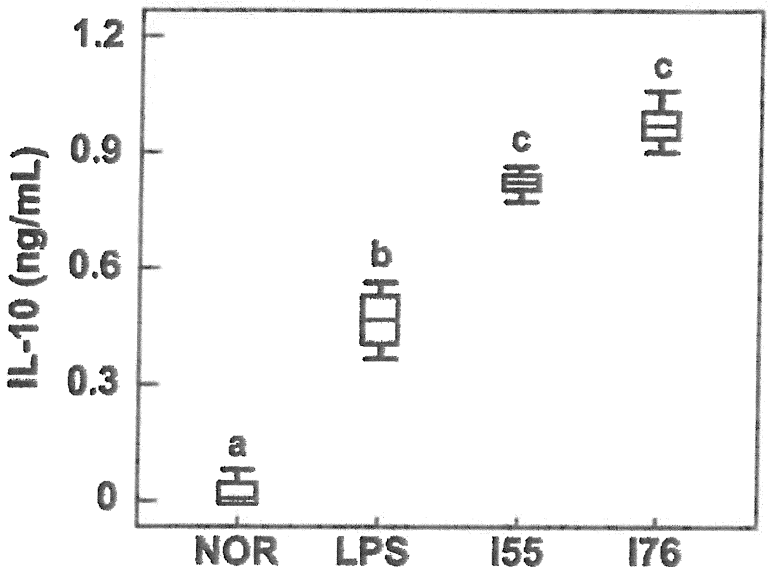


Fig. 2

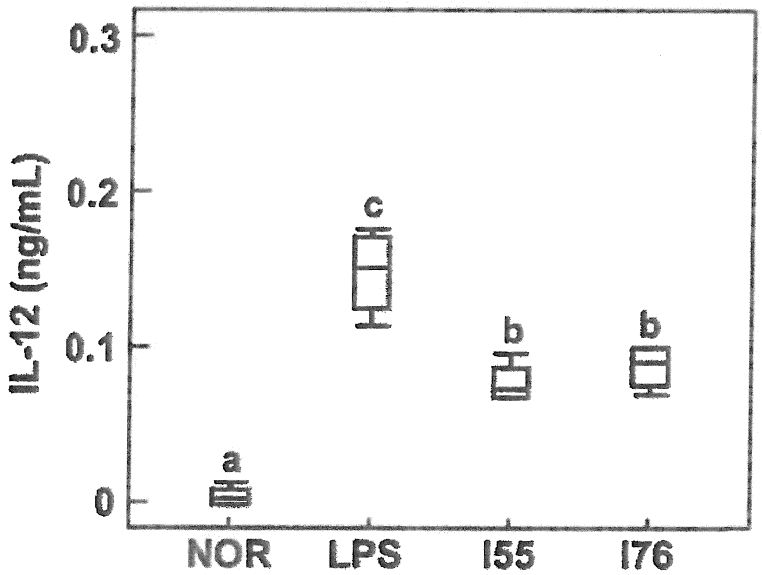


Fig. 3

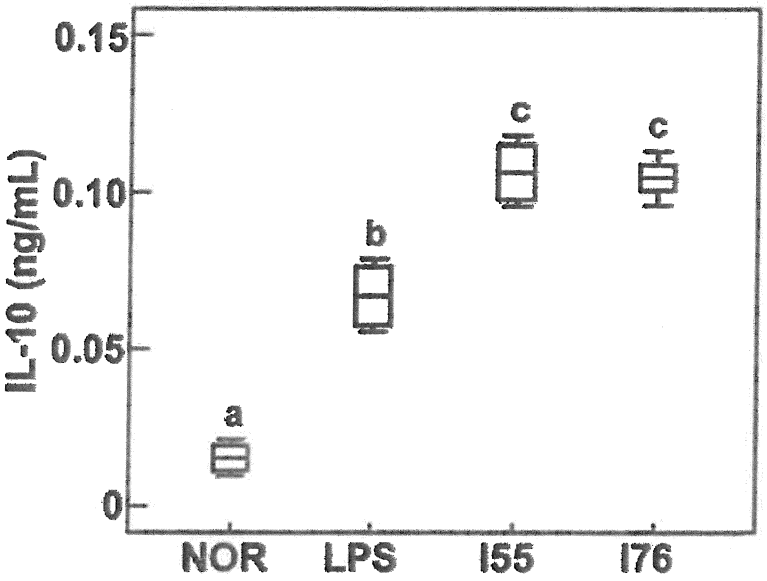

0.15
0.10
0.05
0
IL-10 (ng/mL)
a
b
c
c
NOR
LPS
I55
I76

Fig. 4

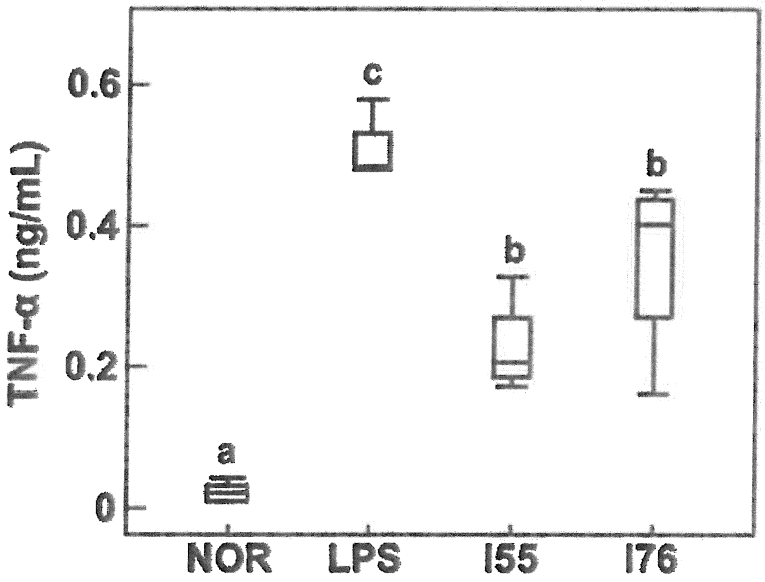

0.6
0.4
0.2
0
TNF-α (ng/mL)
a
c
b
b
NOR
LPS
I55
I76

Fig. 5

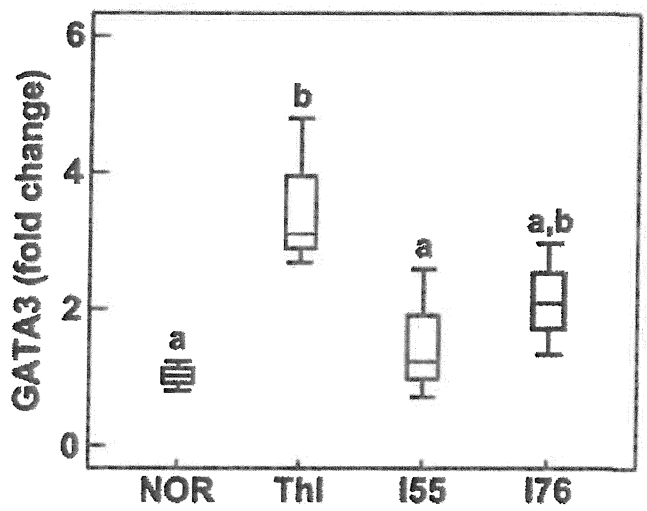

GATA3 (fold change)
6
4
2
0
a
b
a
a,b
NOR
Thl
I55
I76

Fig. 6

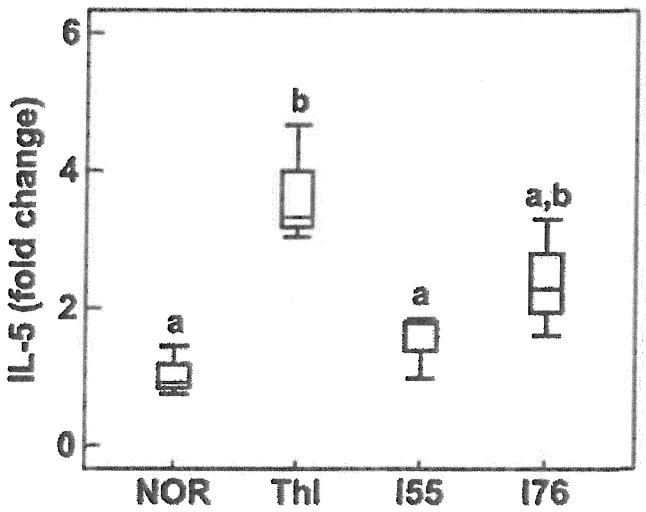

IL-5 (fold change)
6
4
2
0
a
b
a
a,b
NOR
Thl
I55
I76

Fig. 7

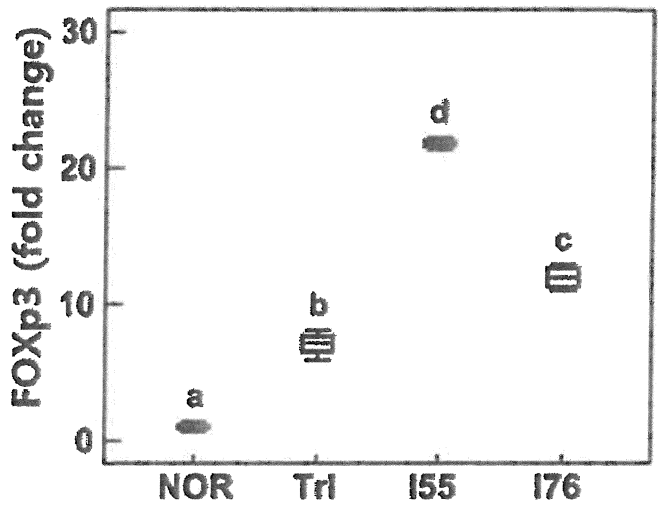

FOXp3 (fold change)
30
20
10
0
a
b
d
c
NOR
Trl
I55
I76

Fig. 8

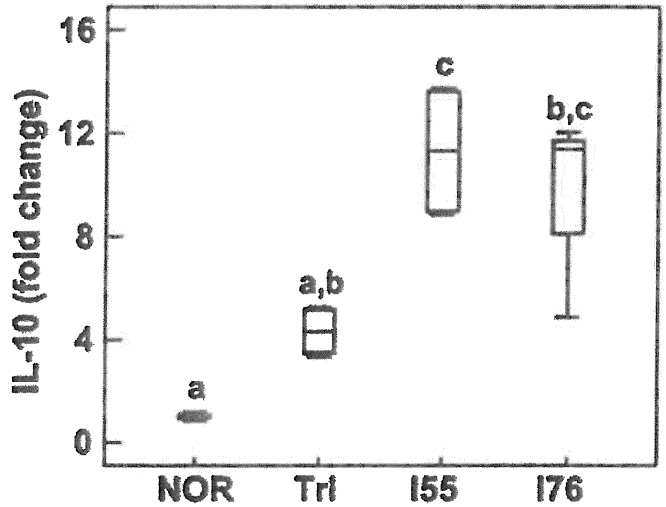

IL-10 (fold change)
16
12
8
4
0
a
a,b
c
b,c
NOR
Trl
I55
I76

Fig. 9

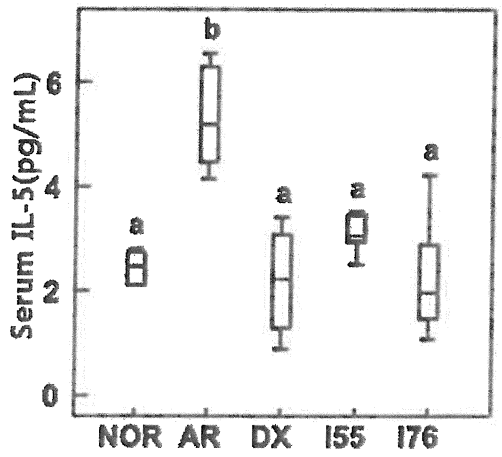

Serum IL-5(pg/mL)
0
2
4
6
a
b
a
a
a
NOR
AR
DX
I55
I76

Fig. 10

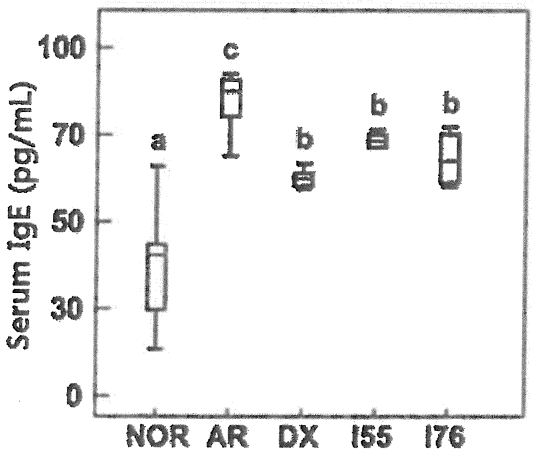

Serum IgE (pg/mL)
0
30
50
70
100
a
c
b
b
b
NOR
AR
DX
I55
I76

Fig. 11

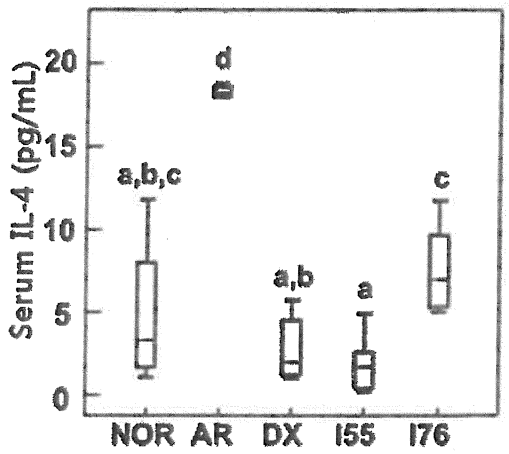

Serum IL-4 (pg/mL)
20
15
10
5
0
a,b,c
d
a,b
a
c
NOR
AR
DX
I55
I76

Fig. 12

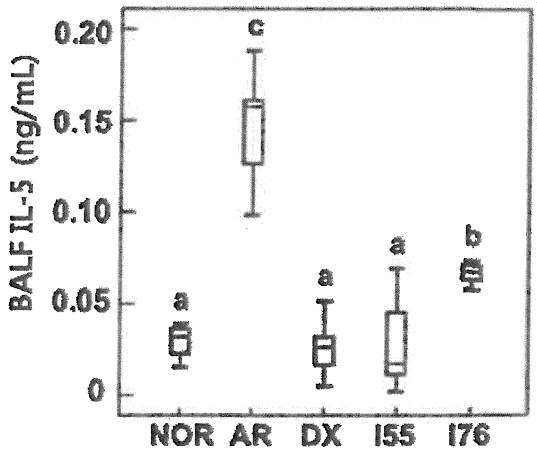

BALF IL-5 (ng/mL)
0.20
0.15
0.10
0.05
0
a
c
a
a
b
NOR
AR
DX
I55
I76

Fig. 13

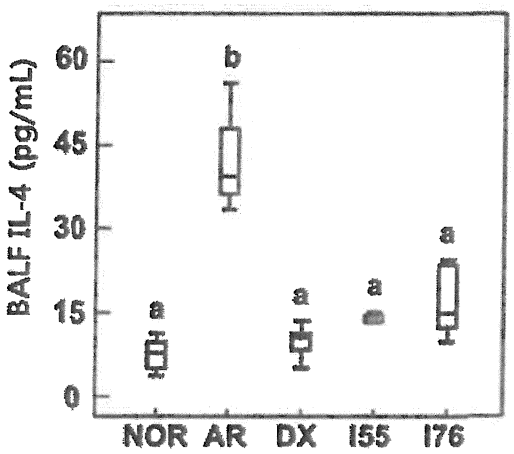

BALF IL-4 (pg/mL)
60
45
30
15
0
a
b
a
a
a
NOR AR DX I55 I76

Fig. 14

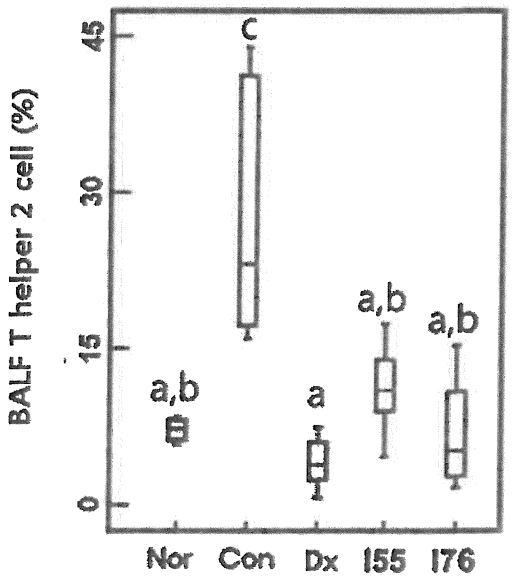

BALF T helper 2 cell (%)
45
30
15
0
a,b
C
a
a,b
a,b
Nor Con Dx I55 I76

Fig. 15

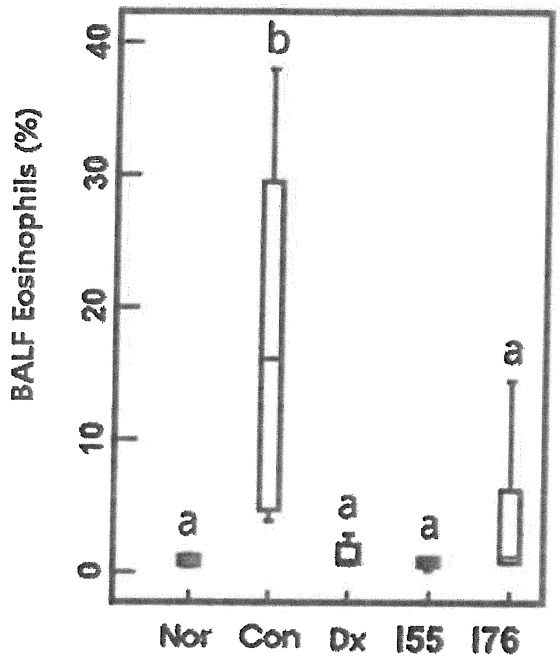

BALF Eosinophils (%)
0
10
20
30
40
a
b
a
a
a
Nor
Con
Dx
I55
I76

Fig. 16

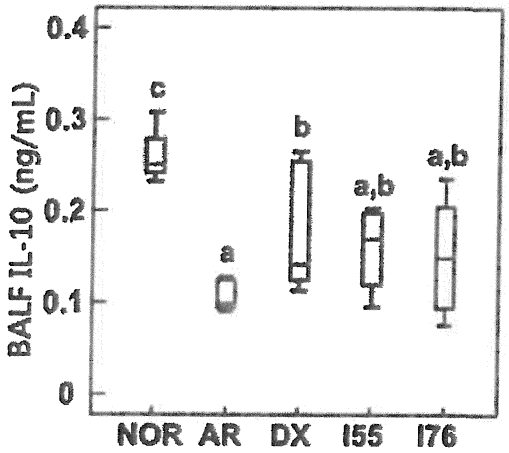

BALF IL-10 (ng/mL)
0
0.1
0.2
0.3
0.4
c
a
b
a,b
a,b
NOR
AR
DX
I55
I76

Fig. 17

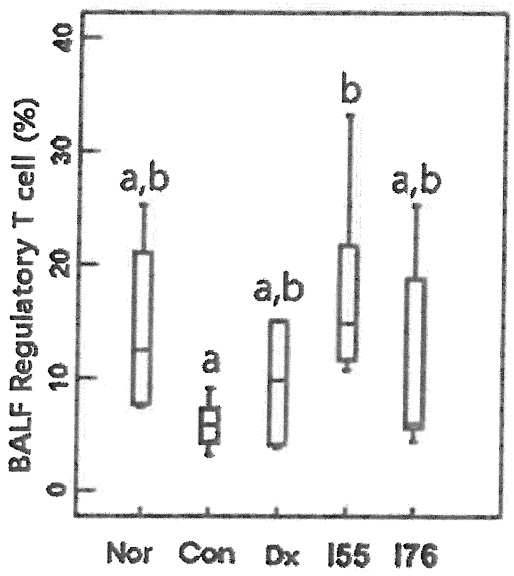

BALF Regulatory T cell (%)
0
10
20
30
40
a,b
a
a,b
b
a,b
Nor
Con
Dx
155
176

Fig. 18

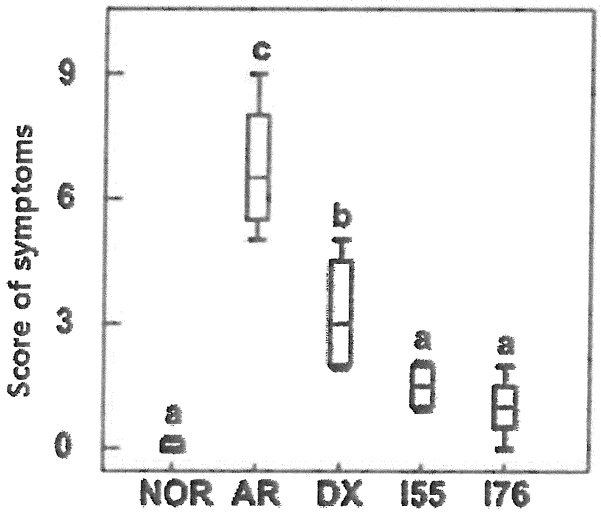

Score of symptoms
0
3
6
9
a
c
b
a
a
NOR
AR
DX
155
176

Fig. 19

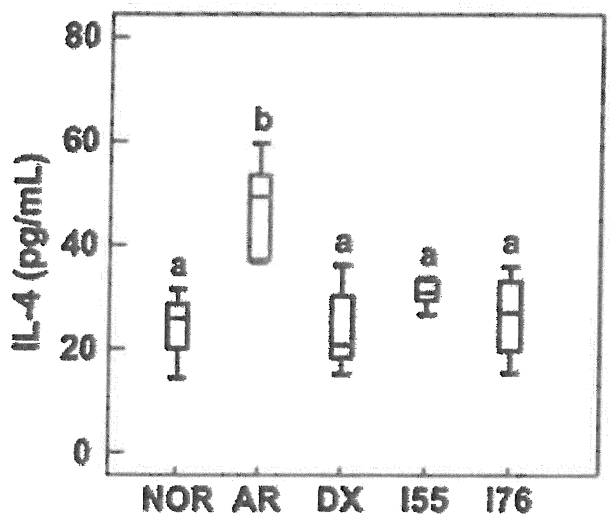

IL-4 (pg/mL)
80
60
40
20
0
a
b
a
a
a
NOR
AR
DX
I55
I76

Fig. 20

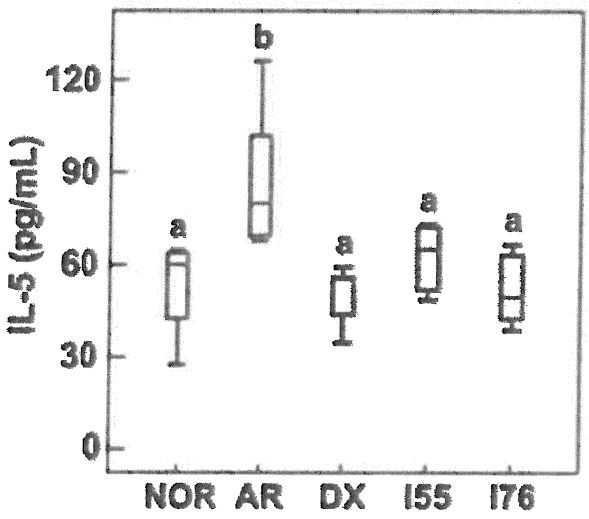

IL-5 (pg/mL)
120
90
60
30
0
a
b
a
a
a
NOR
AR
DX
I55
I76

Fig. 21

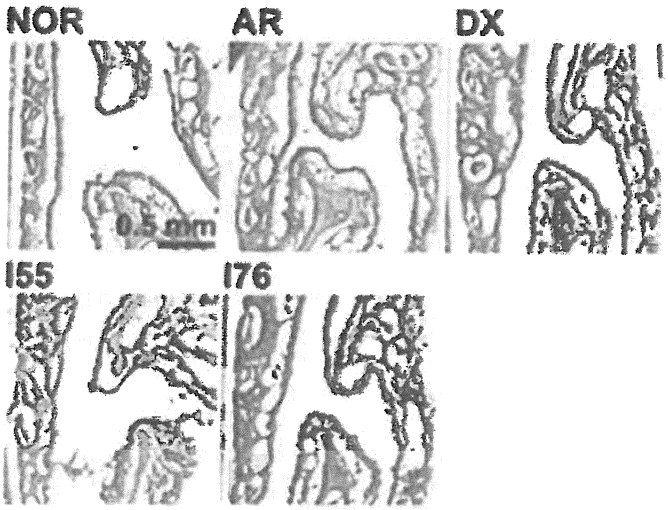

NOR
AR
DX
0.5 mm
I55
I76

Fig. 22

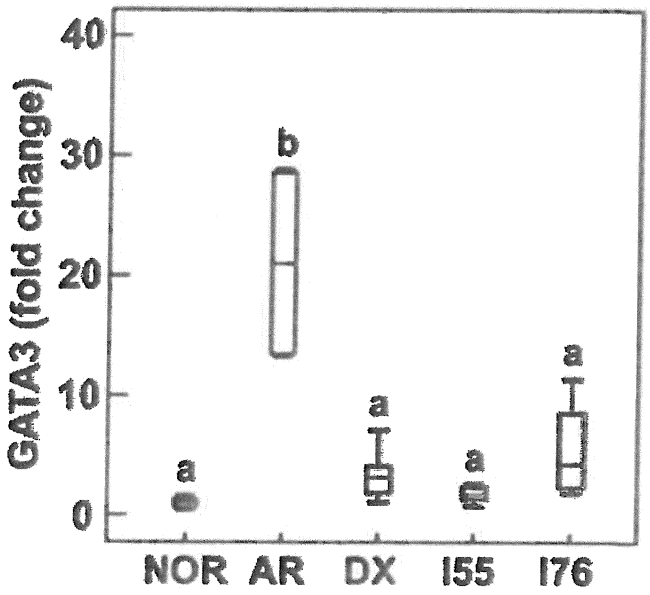

GATA3 (fold change)
40
30
20
10
0
a
b
a
a
a
NOR
AR
DX
I55
I76

Fig. 23

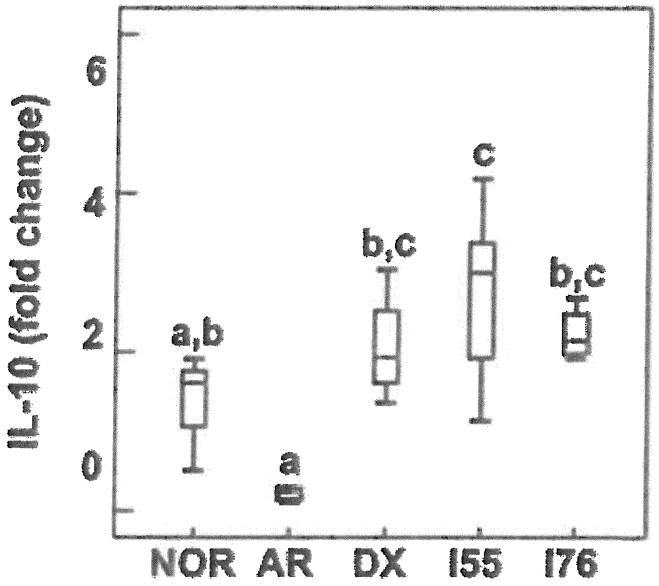

IL-10 (fold change)
6
4
2
0
a,b
a
b,c
c
b,c
NOR
AR
DX
I55
I76

Fig. 24

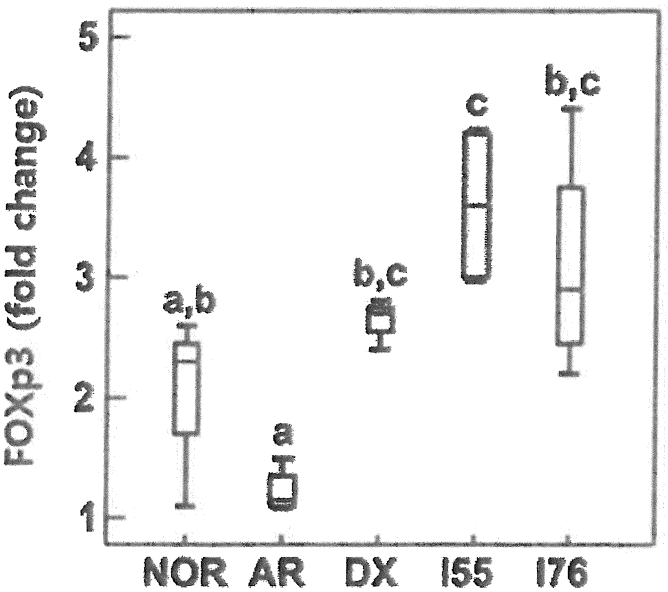

FOXp3 (fold change)
5
4
3
2
1
a,b
a
b,c
c
b,c
NOR
AR
DX
I55
I76

Fig. 25

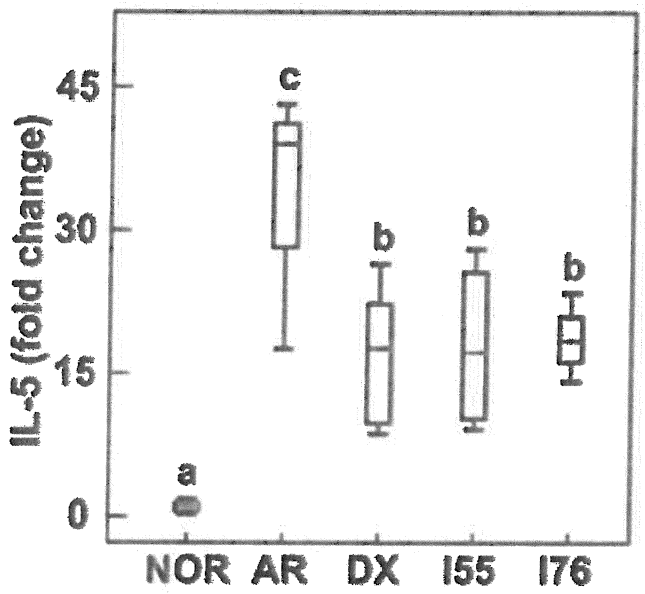

IL-5 (fold change)
45
30
15
0
a
c
b
b
b
NOR
AR
DX
I55
I76

Fig. 26

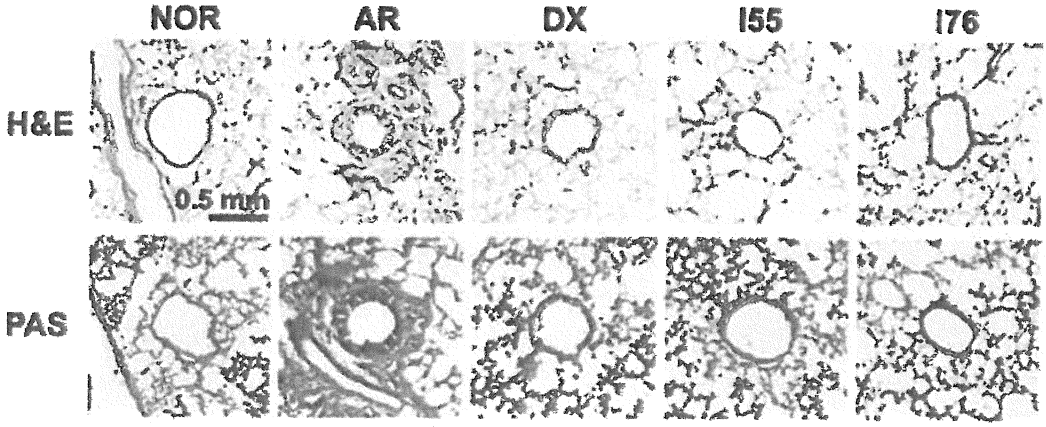

NOR
AR
DX
I55
I76
H&E
PAS
0.5 mm

Fig. 27

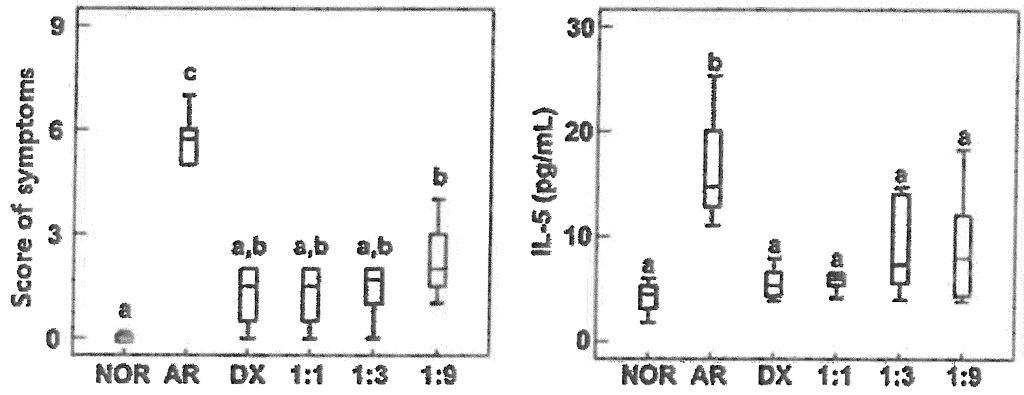

Score of symptoms
9
6
3
0
a
c
a,b
a,b
a,b
b
NOR AR DX 1:1 1:3 1:9
IL-5 (pg/mL)
30
20
10
0
a
b
a
a
a
a
NOR AR DX 1:1 1:3 1:9

Fig. 28

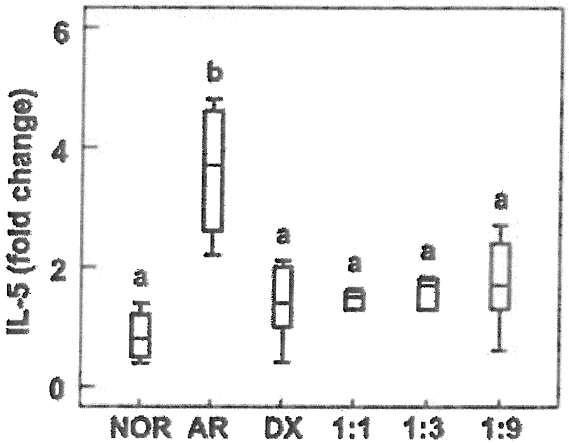

IL-5 (fold change)
6
4
2
0
a
b
a
a
a
a
NOR AR DX 1:1 1:3 1:9

Fig. 29

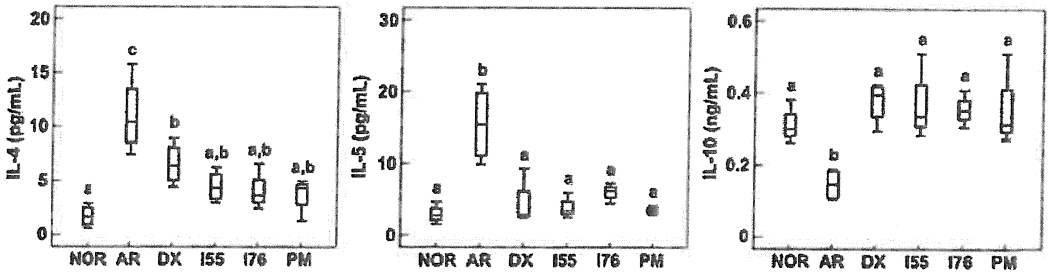
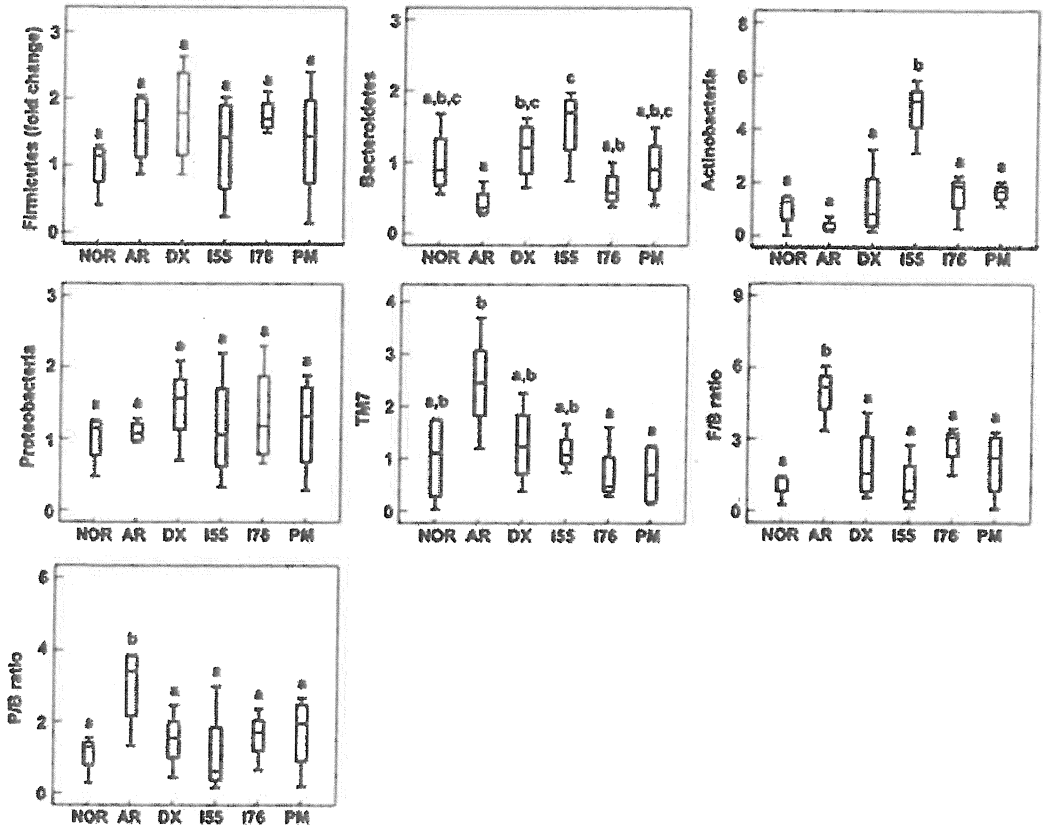

IL-4 (pg/mL)
IL-5 (pg/mL)
IL-10 (ng/mL)
NOR AR DX I55 I76 PM

Fig. 30


Firmicutes (fold change)
Bacteroidetes
Actinobacteria
Proteobacteria
TM7
F/B ratio
NOR AR DX I55 I76 PM