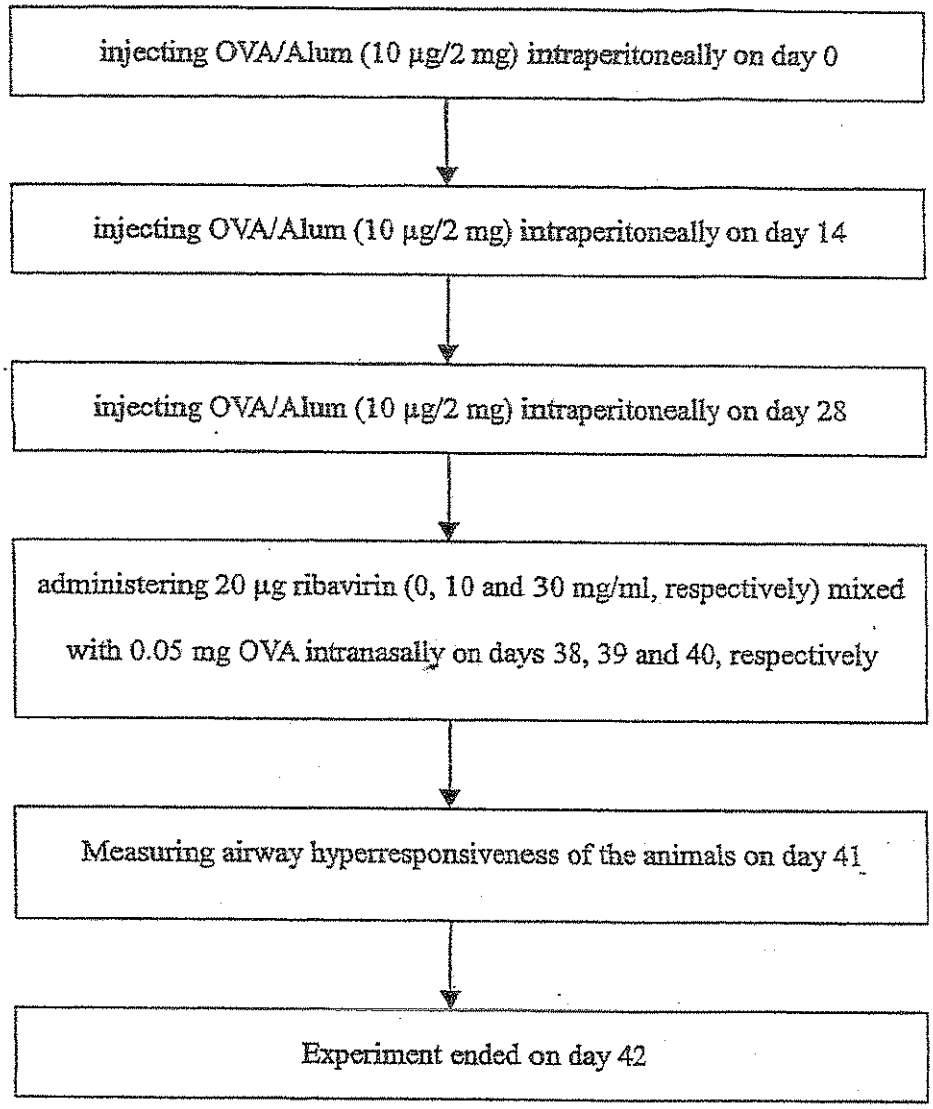

injecting OVA/Alum (10 μg/2 mg) intraperitoneally on day 0
injecting OVA/Alum (10 μg/2 mg) intraperitoneally on day 14
injecting OVA/Alum (10 μg/2 mg) intraperitoneally on day 28
administering 20 μg ribavirin (0, 10 and 30 mg/ml, respectively) mixed with 0.05 mg OVA intranasally on days 38, 39 and 40, respectively
Measuring airway hyperresponsiveness of the animals on day 41
Experiment ended on day 42

Fig 1

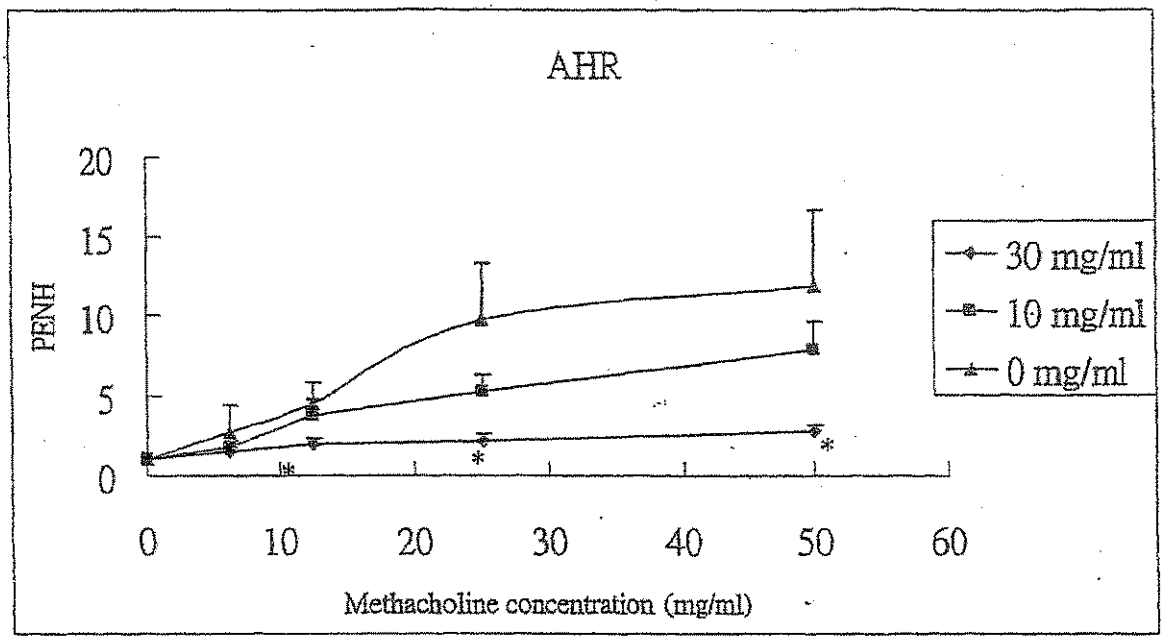
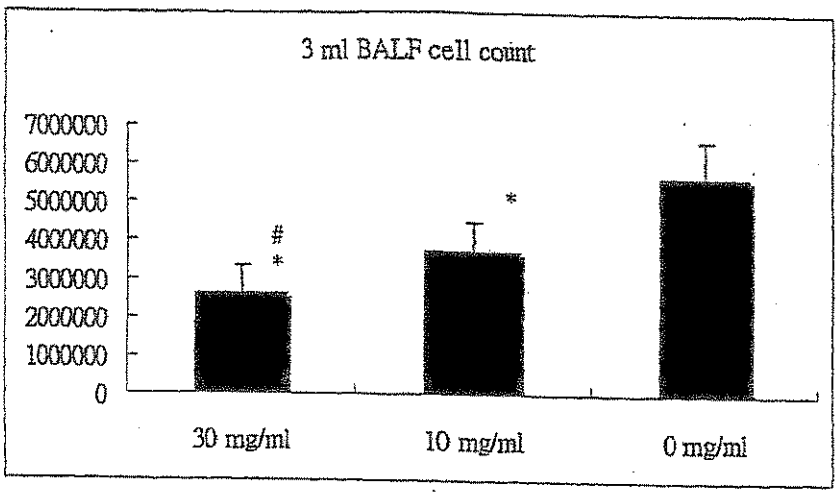

AHR
PENH
20
15
10
5
0
0
10
20
30
40
50
60
Methacholine concentration (mg/ml)
30 mg/ml
10 mg/ml
0 mg/ml
*
*
*

Fig 2

(A)


3 ml BALF cell count
7000000
6000000
5000000
4000000
3000000
2000000
1000000
0
#
*
*
30 mg/ml
10 mg/ml
0 mg/ml

(B)

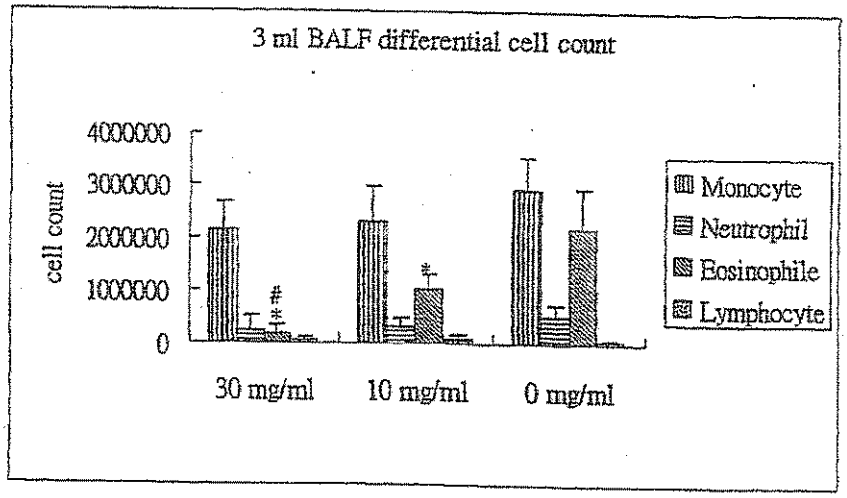
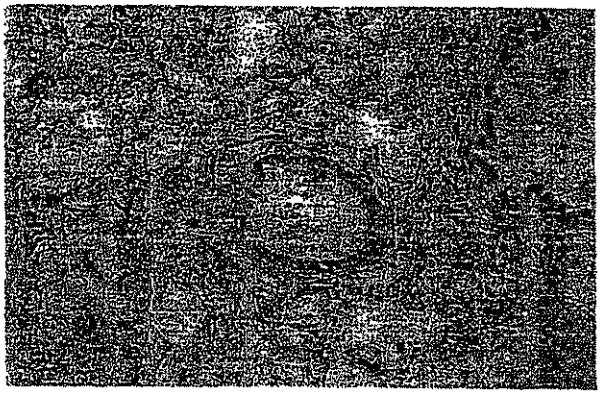
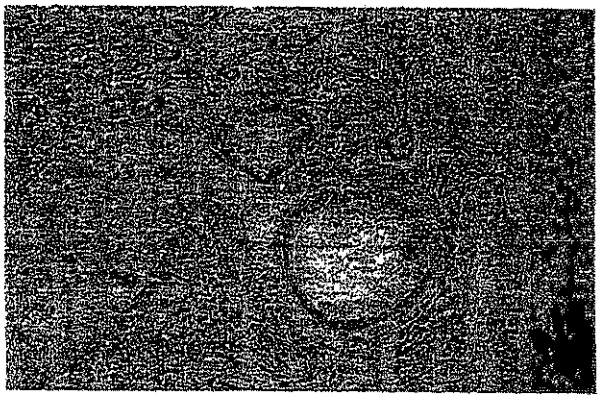

3 ml BALF differential cell count
cell count
4000000
3000000
2000000
1000000
0
#
*
*
30 mg/ml
10 mg/ml
0 mg/ml
Monocyte
Neutrophil
Eosinophile
Lymphocyte

Fig 3

(A)



(B)



(C)

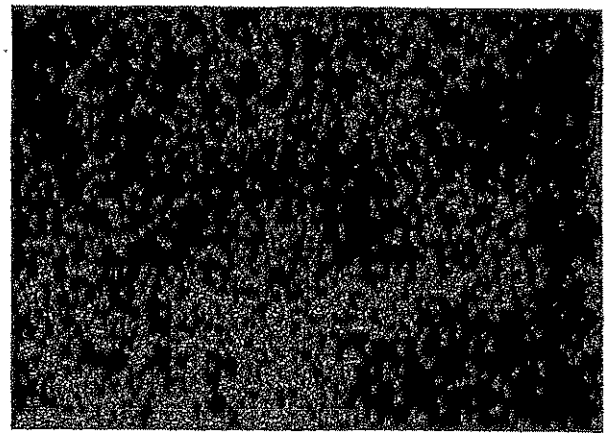
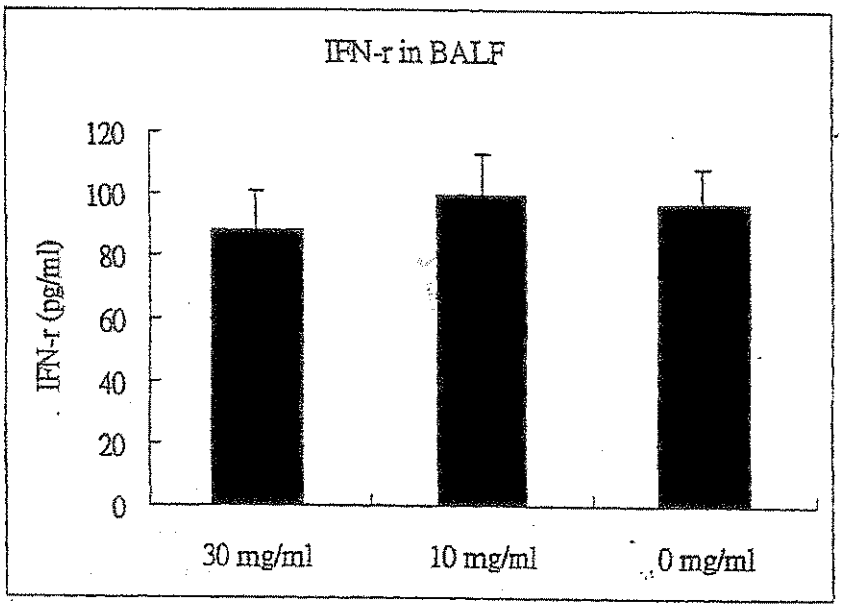


Fig 4

(A)


IFN-r in BALF
IFN-r (pg/ml)
120
100
80
60
40
20
0
30 mg/ml
10 mg/ml
0 mg/ml

(B)

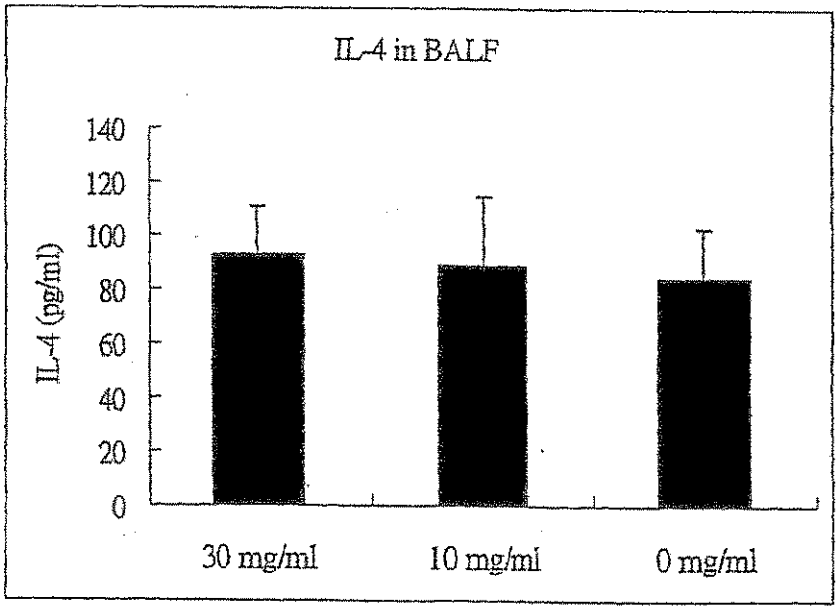
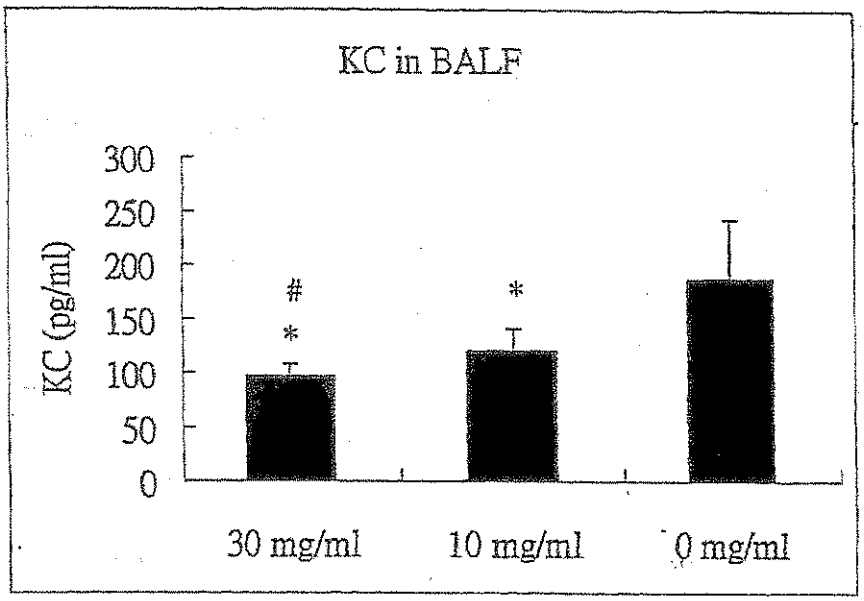

IL-4 in BALF
IL-4 (pg/ml)
140
120
100
80
60
40
20
0
30 mg/ml
10 mg/ml
0 mg/ml

Fig 5

(C)


KC in BALF
KC (pg/ml)
300
250
200
150
100
50
0
#
*
*
30 mg/ml
10 mg/ml
0 mg/ml

(D)

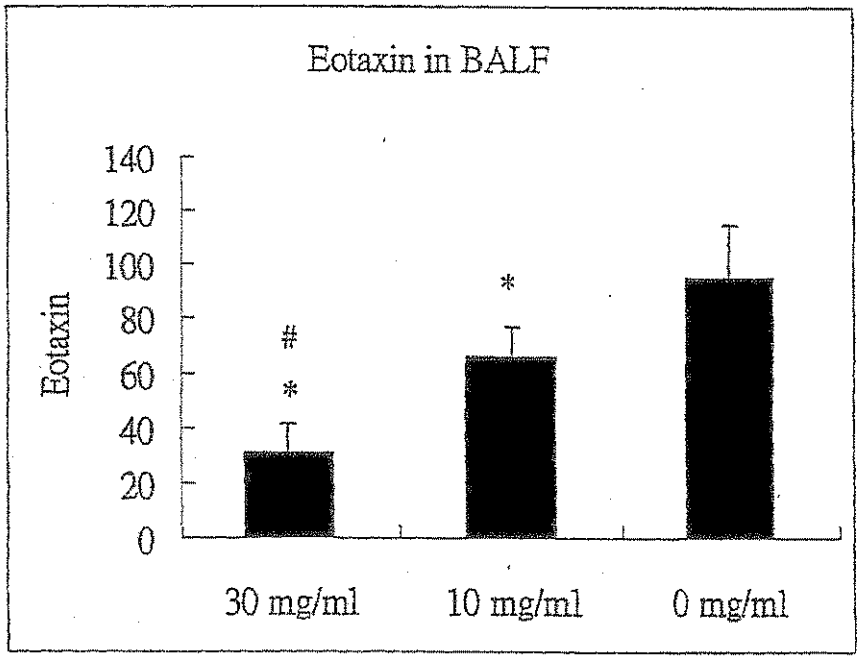

Eotaxin in BALF
Eotaxin
140
120
100
80
60
40
20
0
#
*
*
30 mg/ml
10 mg/ml
0 mg/ml

Fig 5