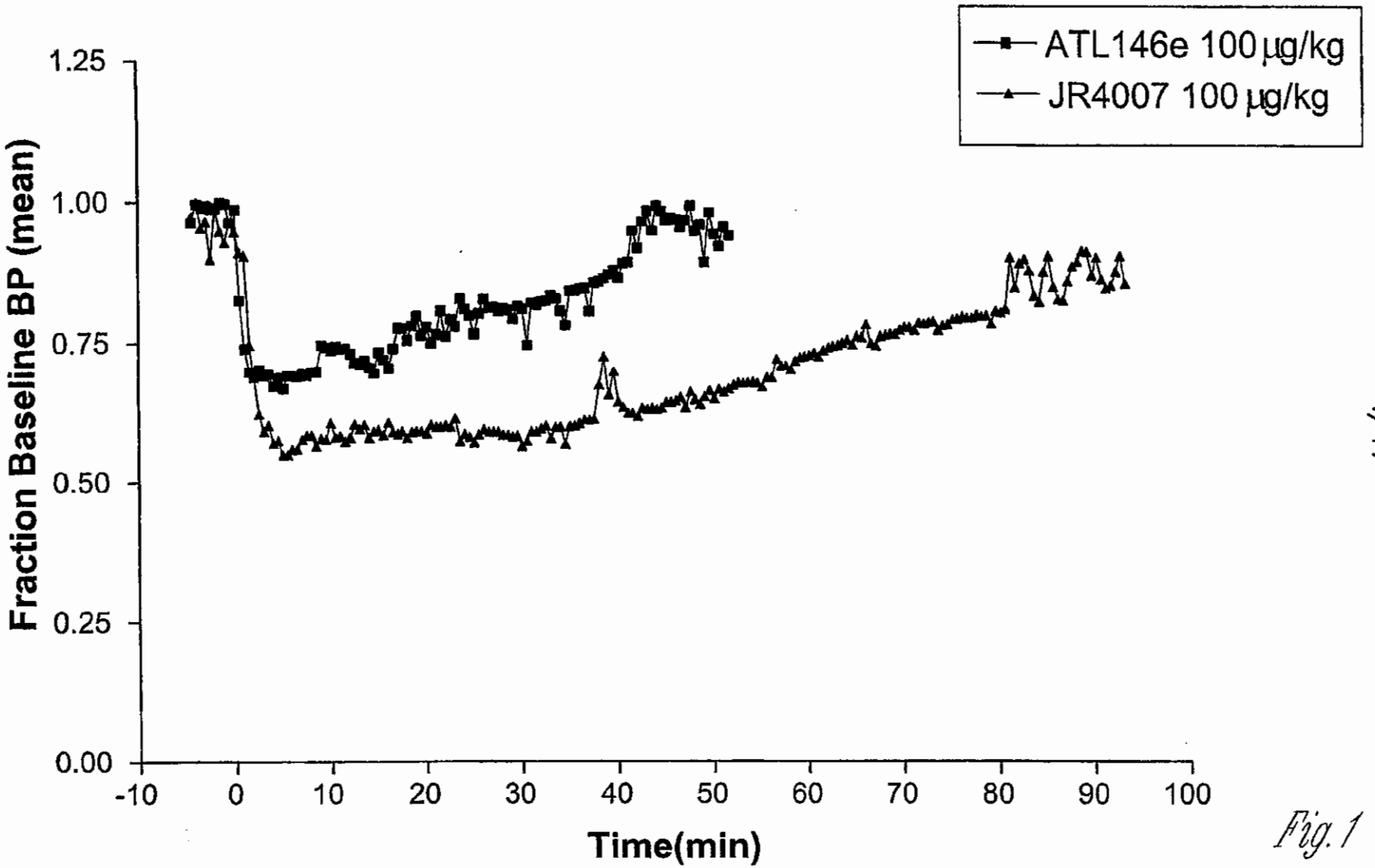
ATL146e 100 µg/kg
JR4007 100 µg/kg
Fraction Baseline BP (mean)
1.25
1.00
0.75
0.50
0.25
0.00
-10
0
10
20
30
40
50
60
70
80
90
100
Time(min)

Fig. 1

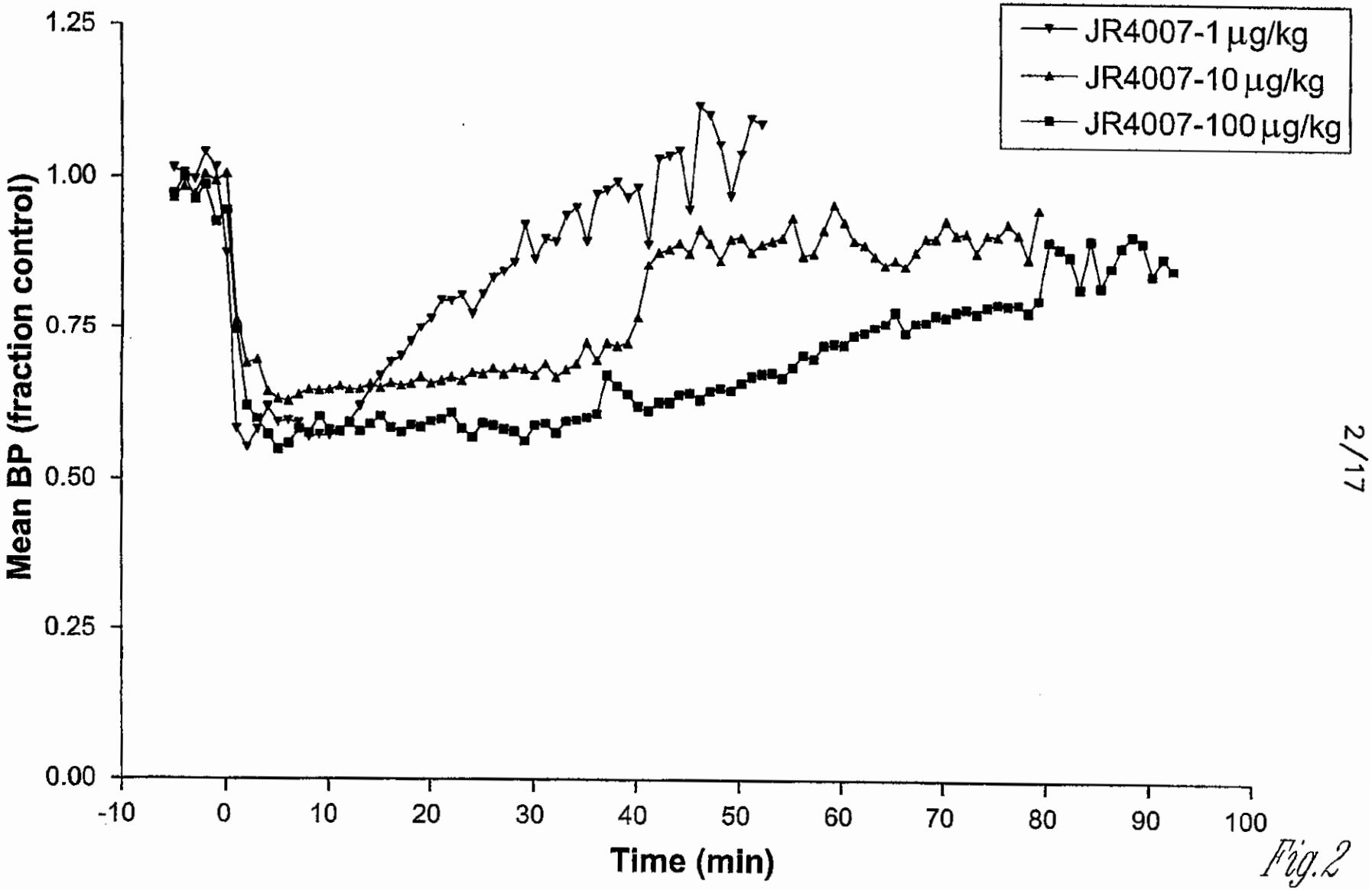
JR4007-1 µg/kg
JR4007-10 µg/kg
JR4007-100 µg/kg
Mean BP (fraction control)
1.25
1.00
0.75
0.50
0.25
0.00
-10
0
10
20
30
40
50
60
70
80
90
100
Time (min)

Fig.2

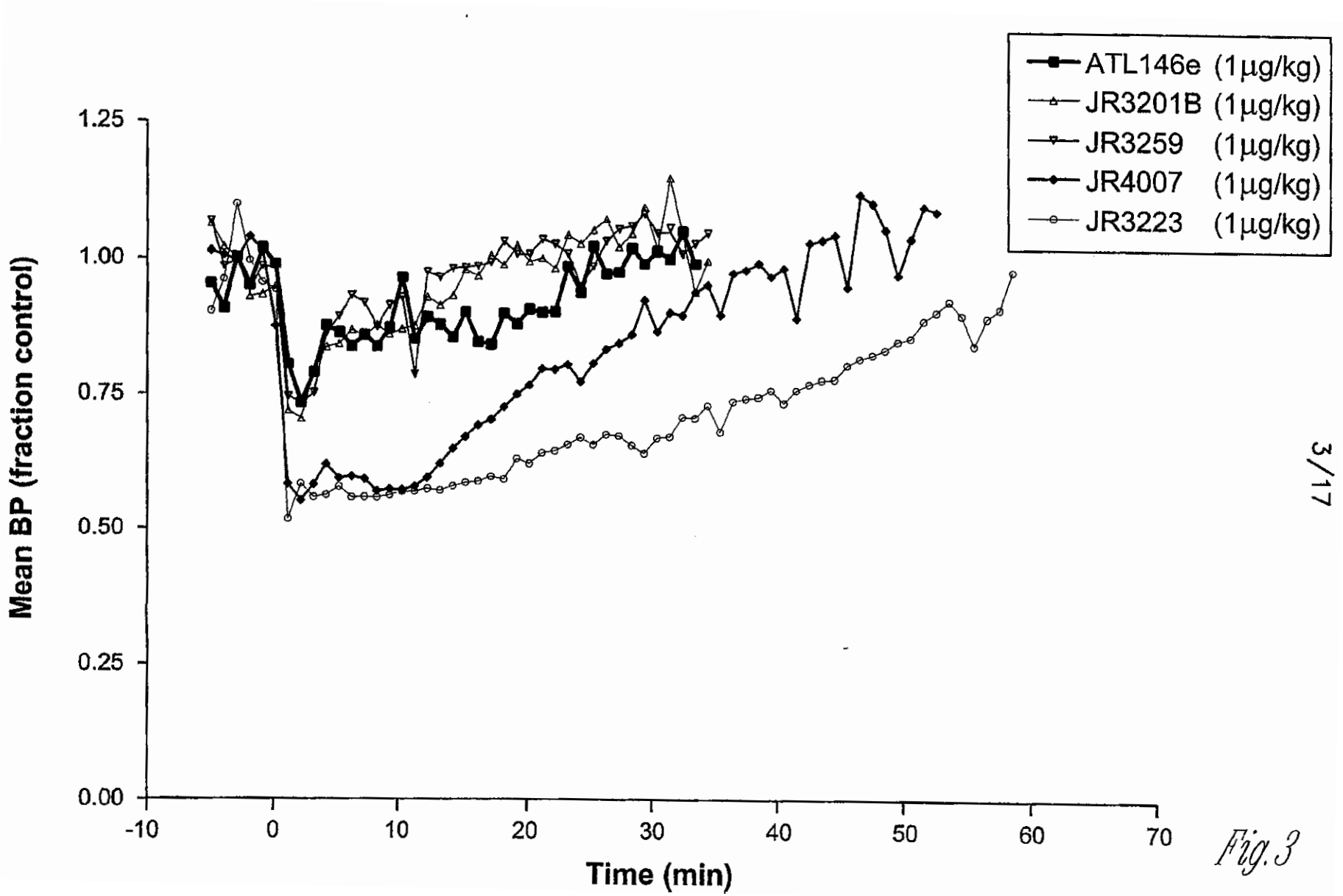
ATL146e (1µg/kg)
JR3201B (1µg/kg)
JR3259 (1µg/kg)
JR4007 (1µg/kg)
JR3223 (1µg/kg)
Mean BP (fraction control)
1.25
1.00
0.75
0.50
0.25
0.00
-10
0
10
20
30
40
50
60
70
Time (min)

Fig. 3

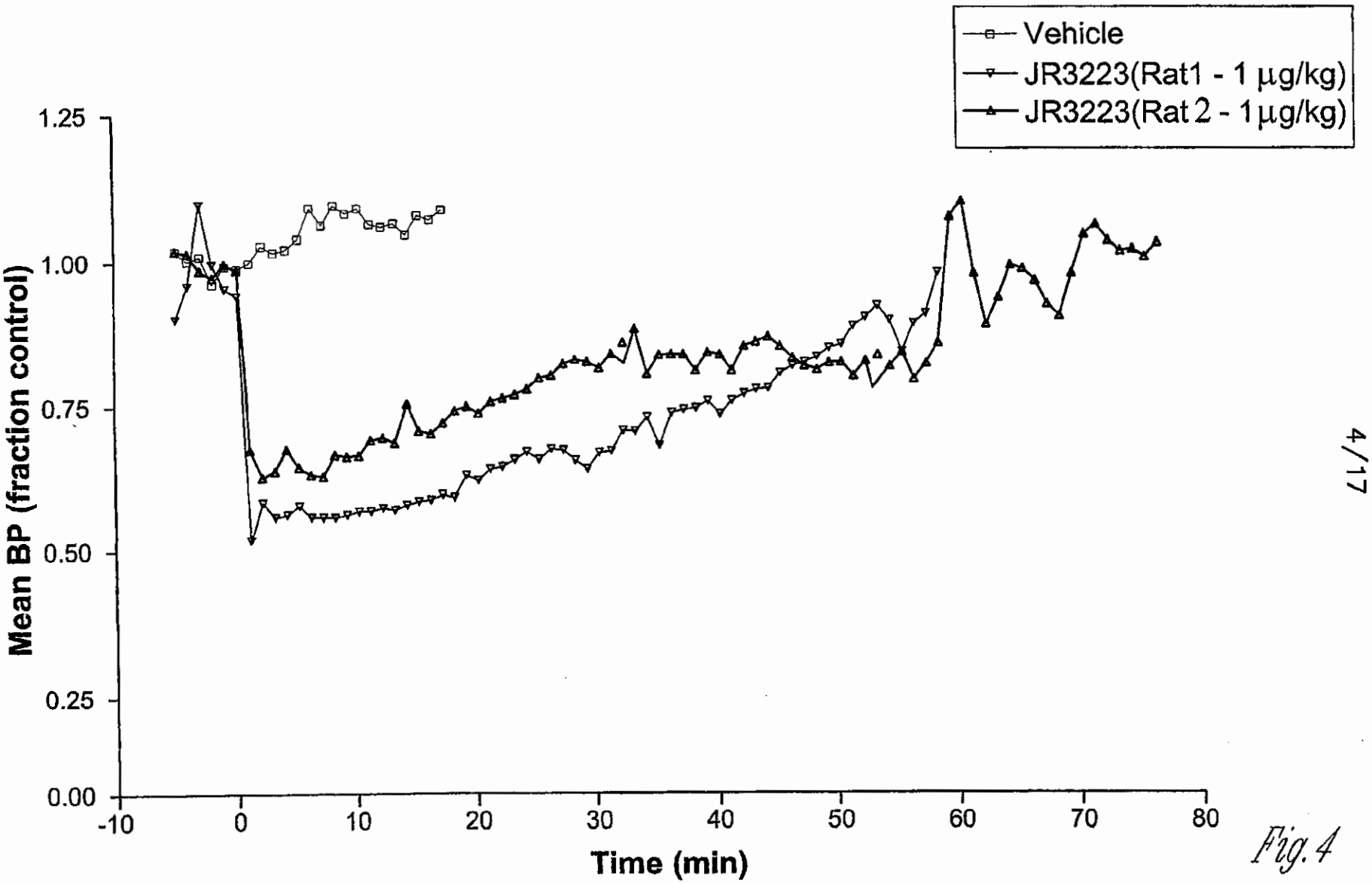
Vehicle
JR3223(Rat1 - 1 µg/kg)
JR3223(Rat 2 - 1µg/kg)
Mean BP (fraction control)
1.25
1.00
0.75
0.50
0.25
0.00
-10
0
10
20
30
40
50
60
70
80
Time (min)

Fig. 4

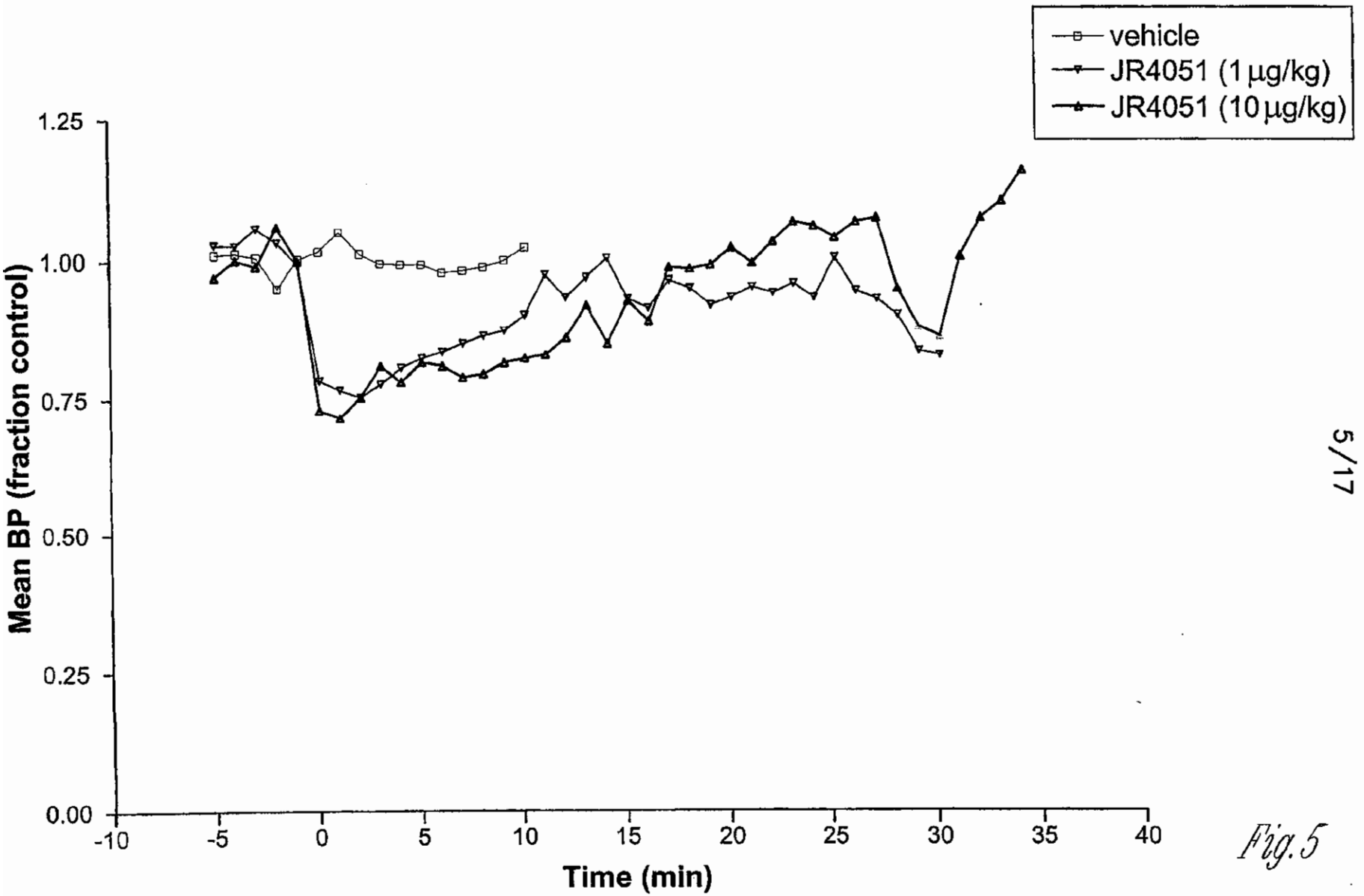
vehicle
JR4051 (1 µg/kg)
JR4051 (10 µg/kg)
Mean BP (fraction control)
1.25
1.00
0.75
0.50
0.25
0.00
-10
-5
0
5
10
15
20
25
30
35
40
Time (min)

Fig. 5

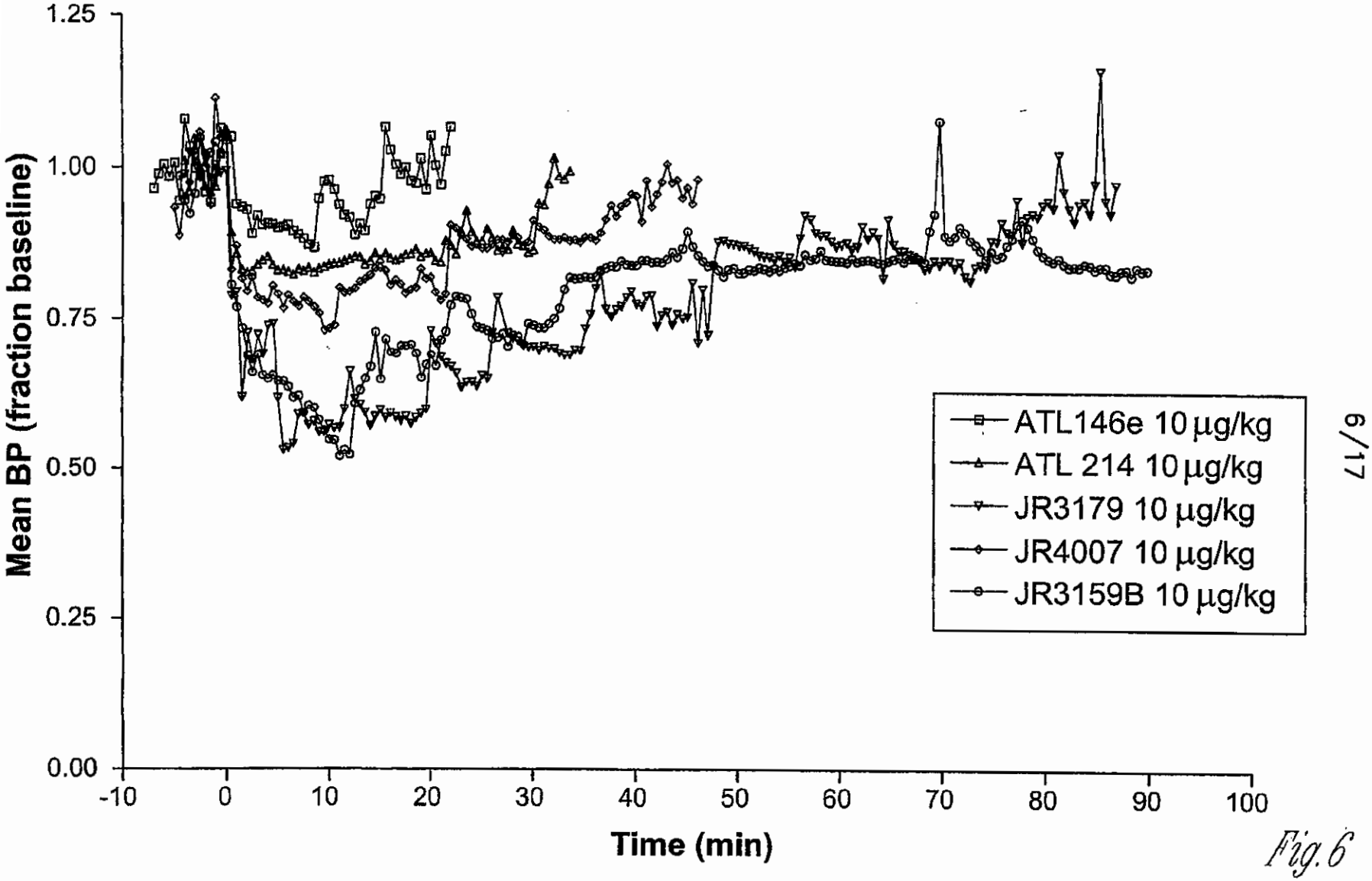
1.25
1.00
0.75
0.50
0.25
0.00
Mean BP (fraction baseline)
-10
0
10
20
30
40
50
60
70
80
90
100
Time (min)
ATL146e 10 µg/kg
ATL 214 10 µg/kg
JR3179 10 µg/kg
JR4007 10 µg/kg
JR3159B 10 µg/kg

Fig. 6

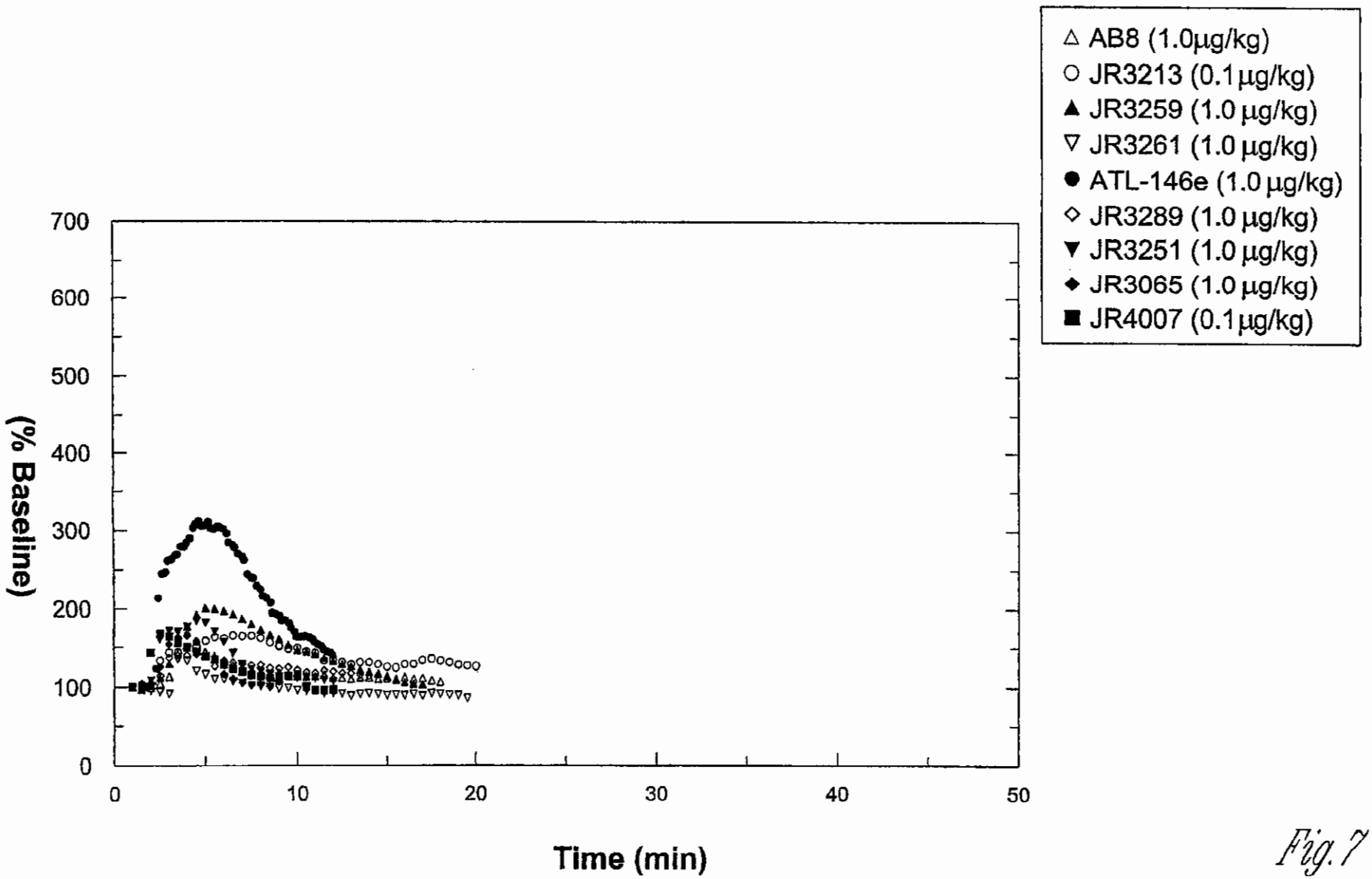
△ AB8 (1.0µg/kg)
○ JR3213 (0.1µg/kg)
▲ JR3259 (1.0 µg/kg)
▽ JR3261 (1.0 µg/kg)
● ATL-146e (1.0 µg/kg)
◇ JR3289 (1.0 µg/kg)
▼ JR3251 (1.0 µg/kg)
◆ JR3065 (1.0 µg/kg)
■ JR4007 (0.1µg/kg)
700
600
500
400
300
200
100
0
(% Baseline)
0
10
20
30
40
50
Time (min)

Fig. 7

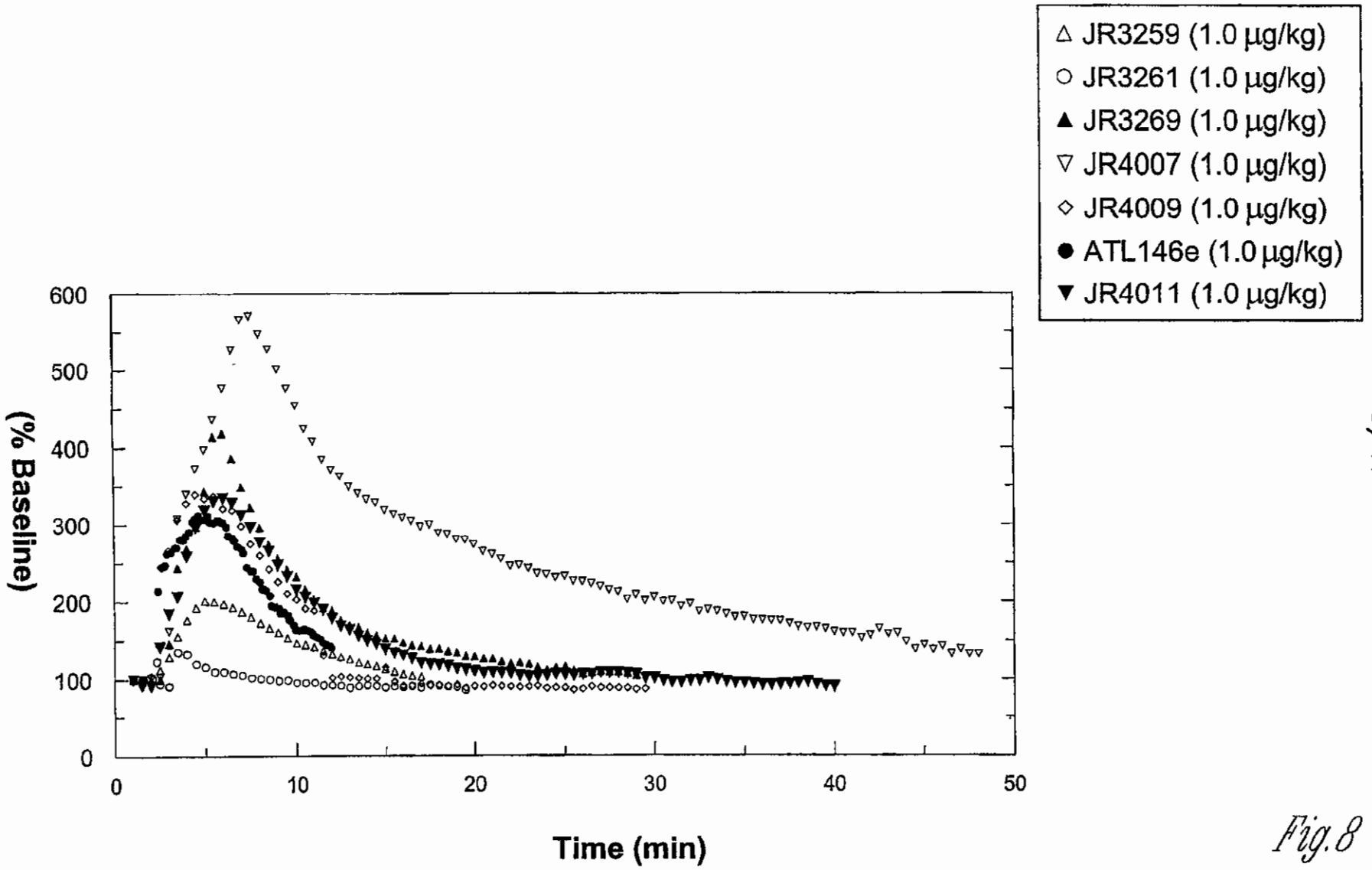
△ JR3259 (1.0 µg/kg)
○ JR3261 (1.0 µg/kg)
▲ JR3269 (1.0 µg/kg)
▽ JR4007 (1.0 µg/kg)
◇ JR4009 (1.0 µg/kg)
● ATL146e (1.0 µg/kg)
▼ JR4011 (1.0 µg/kg)
600
500
400
300
200
100
0
(% Baseline)
0
10
20
30
40
50
Time (min)

Fig. 8

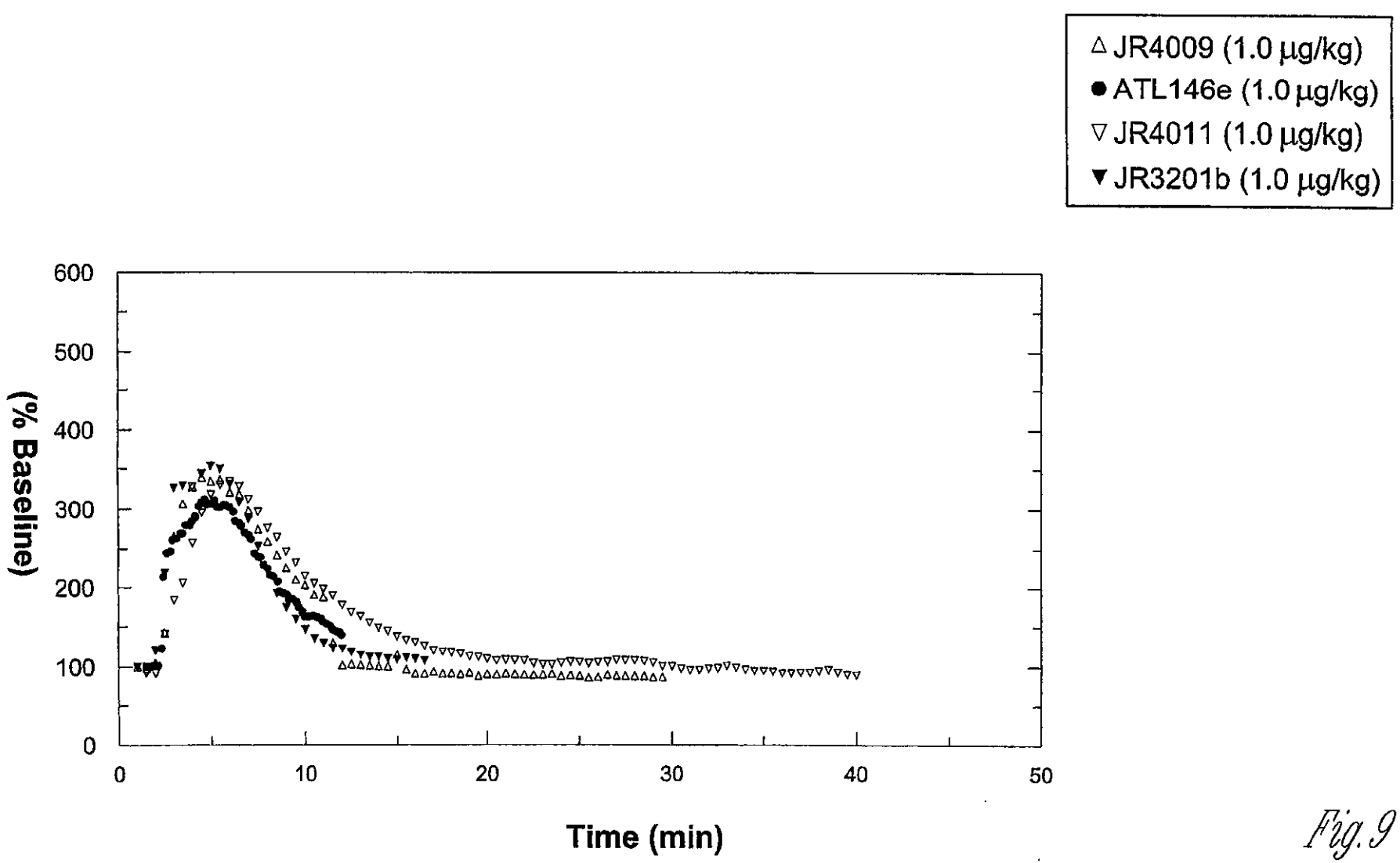
△ JR4009 (1.0 µg/kg)
● ATL146e (1.0 µg/kg)
▽ JR4011 (1.0 µg/kg)
▼ JR3201b (1.0 µg/kg)
600
500
400
300
200
100
0
(% Baseline)
0
10
20
30
40
50
Time (min)

Fig. 9

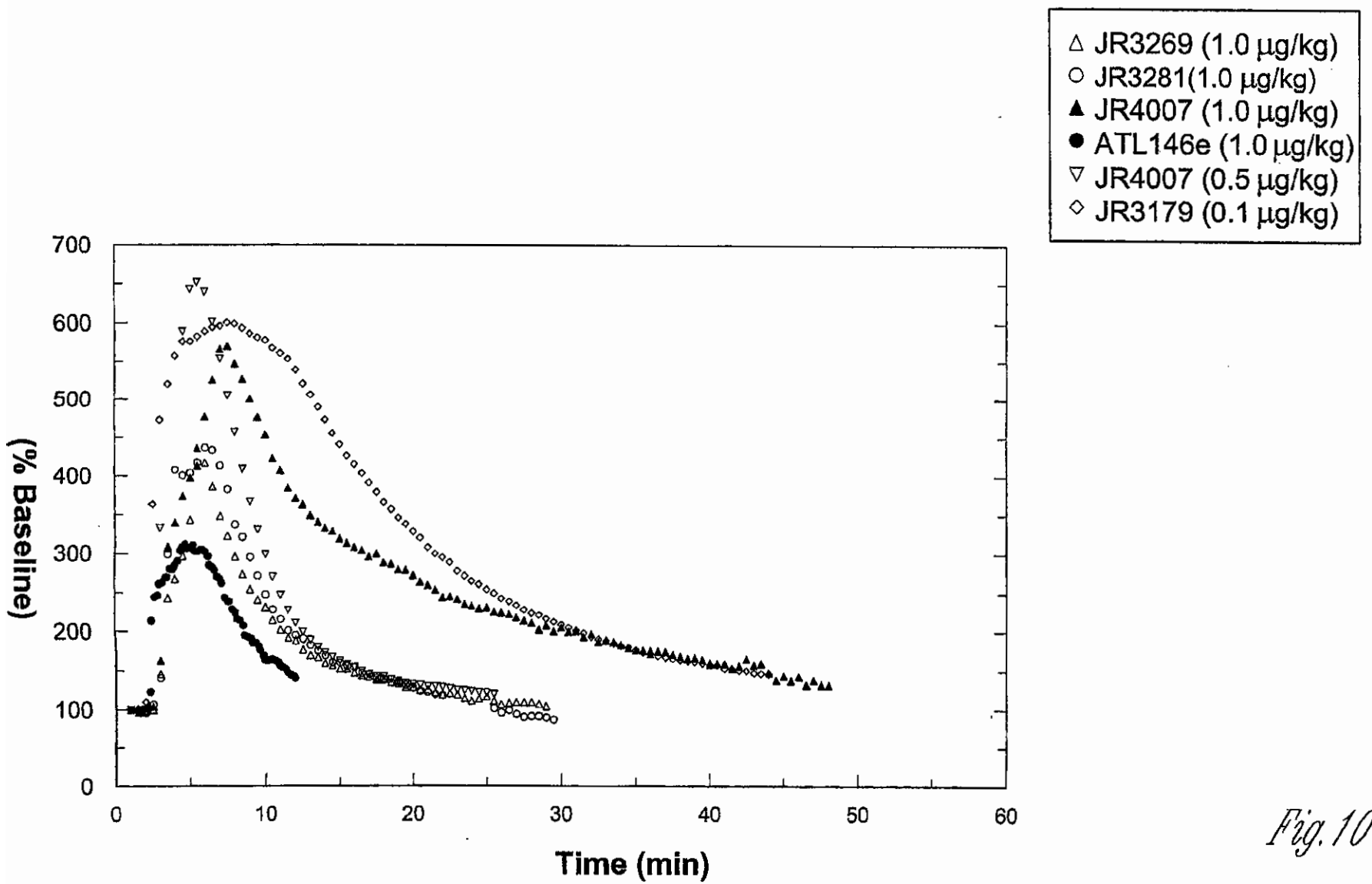
△ JR3269 (1.0 µg/kg)
○ JR3281(1.0 µg/kg)
▲ JR4007 (1.0 µg/kg)
● ATL146e (1.0 µg/kg)
▽ JR4007 (0.5 µg/kg)
◇ JR3179 (0.1 µg/kg)
700
600
500
400
300
200
100
0
(% Baseline)
0
10
20
30
40
50
60
Time (min)

Fig. 10

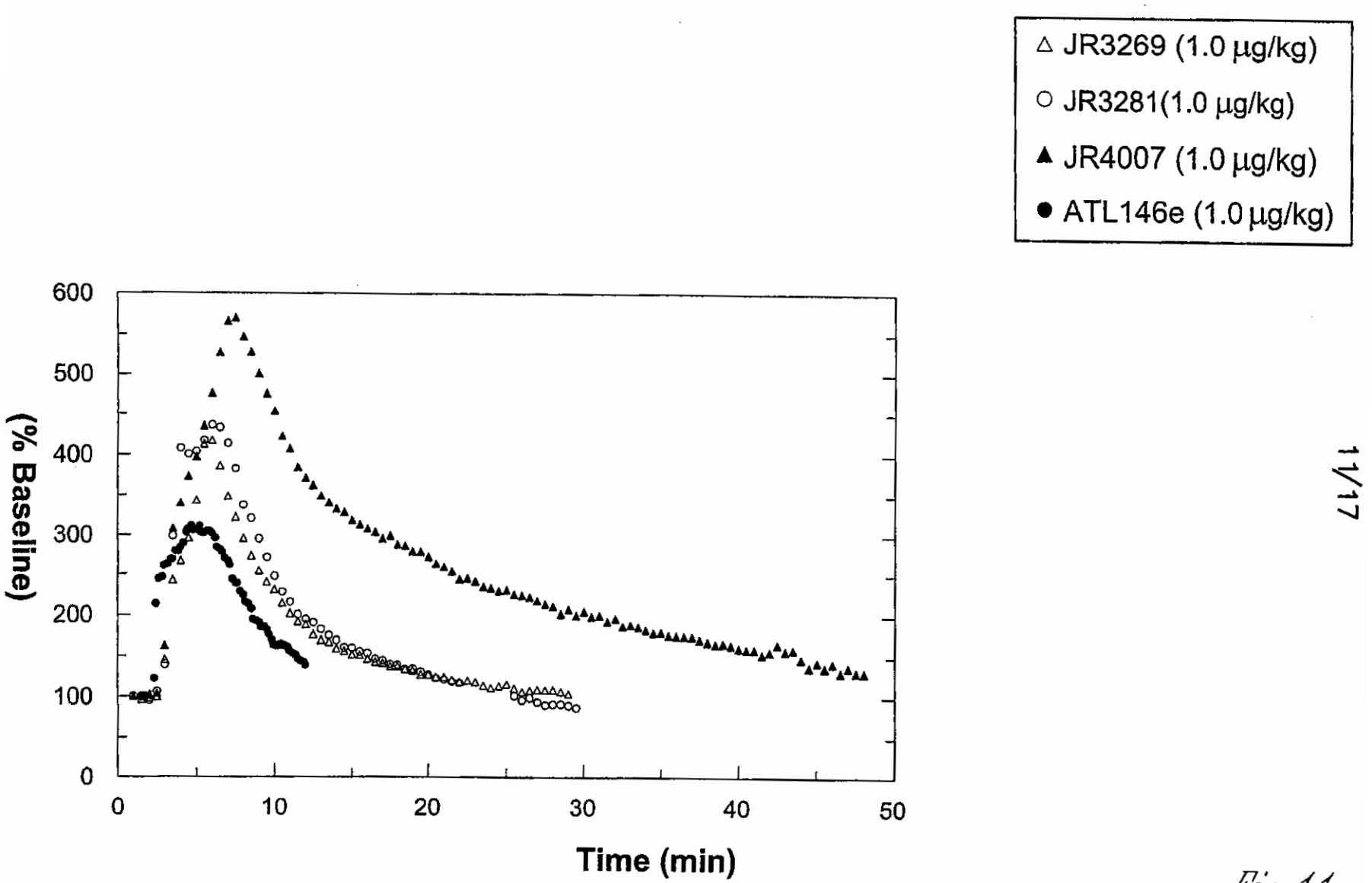
△ JR3269 (1.0 µg/kg)
○ JR3281(1.0 µg/kg)
▲ JR4007 (1.0 µg/kg)
● ATL146e (1.0 µg/kg)
600
500
400
300
200
100
0
(% Baseline)
0
10
20
30
40
50
Time (min)

Fig. 11

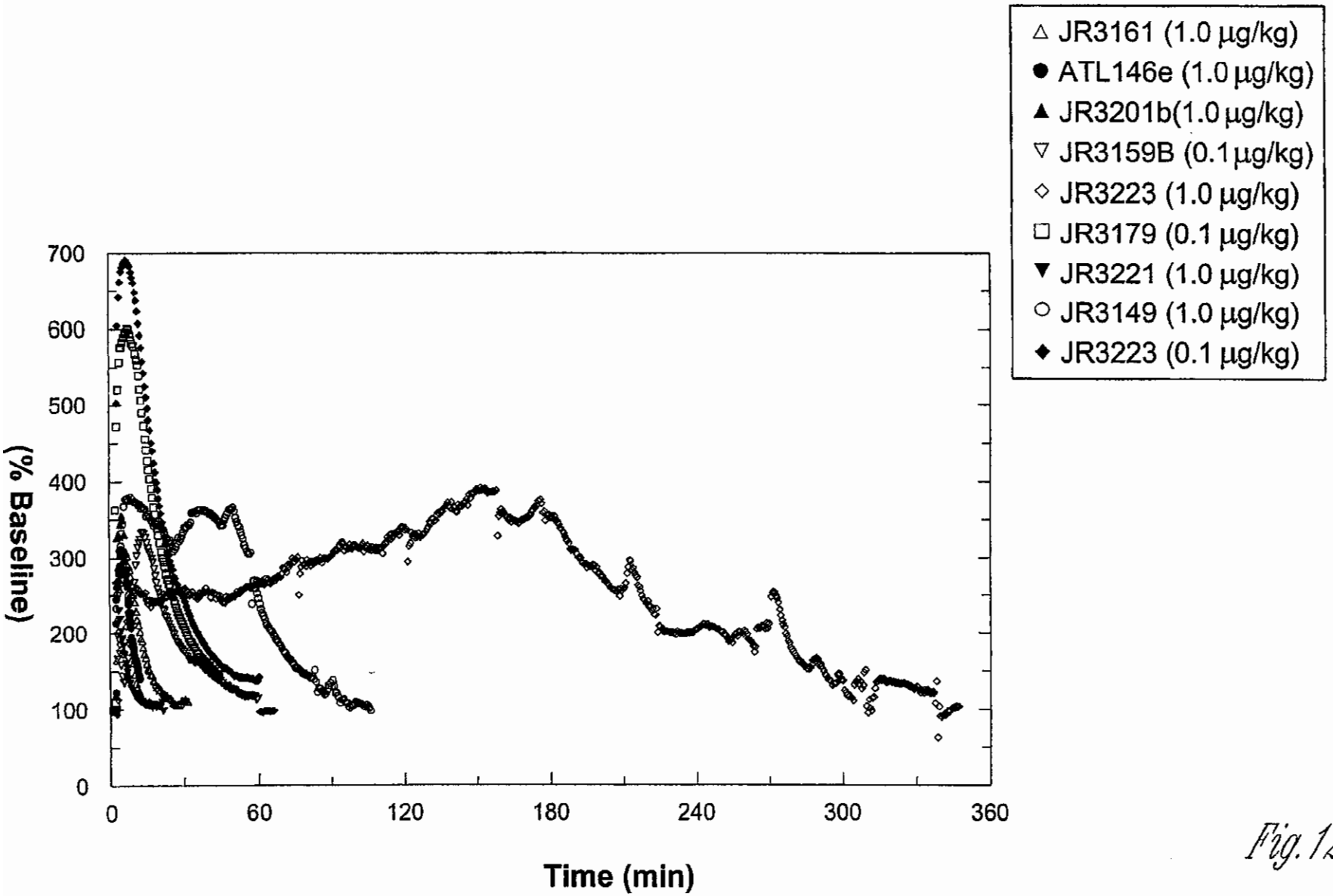
△ JR3161 (1.0 µg/kg)
● ATL146e (1.0 µg/kg)
▲ JR3201b(1.0 µg/kg)
▽ JR3159B (0.1 µg/kg)
◇ JR3223 (1.0 µg/kg)
□ JR3179 (0.1 µg/kg)
▼ JR3221 (1.0 µg/kg)
○ JR3149 (1.0 µg/kg)
◆ JR3223 (0.1 µg/kg)
700
600
500
400
300
200
100
0
(% Baseline)
0
60
120
180
240
300
360
Time (min)

Fig. 12

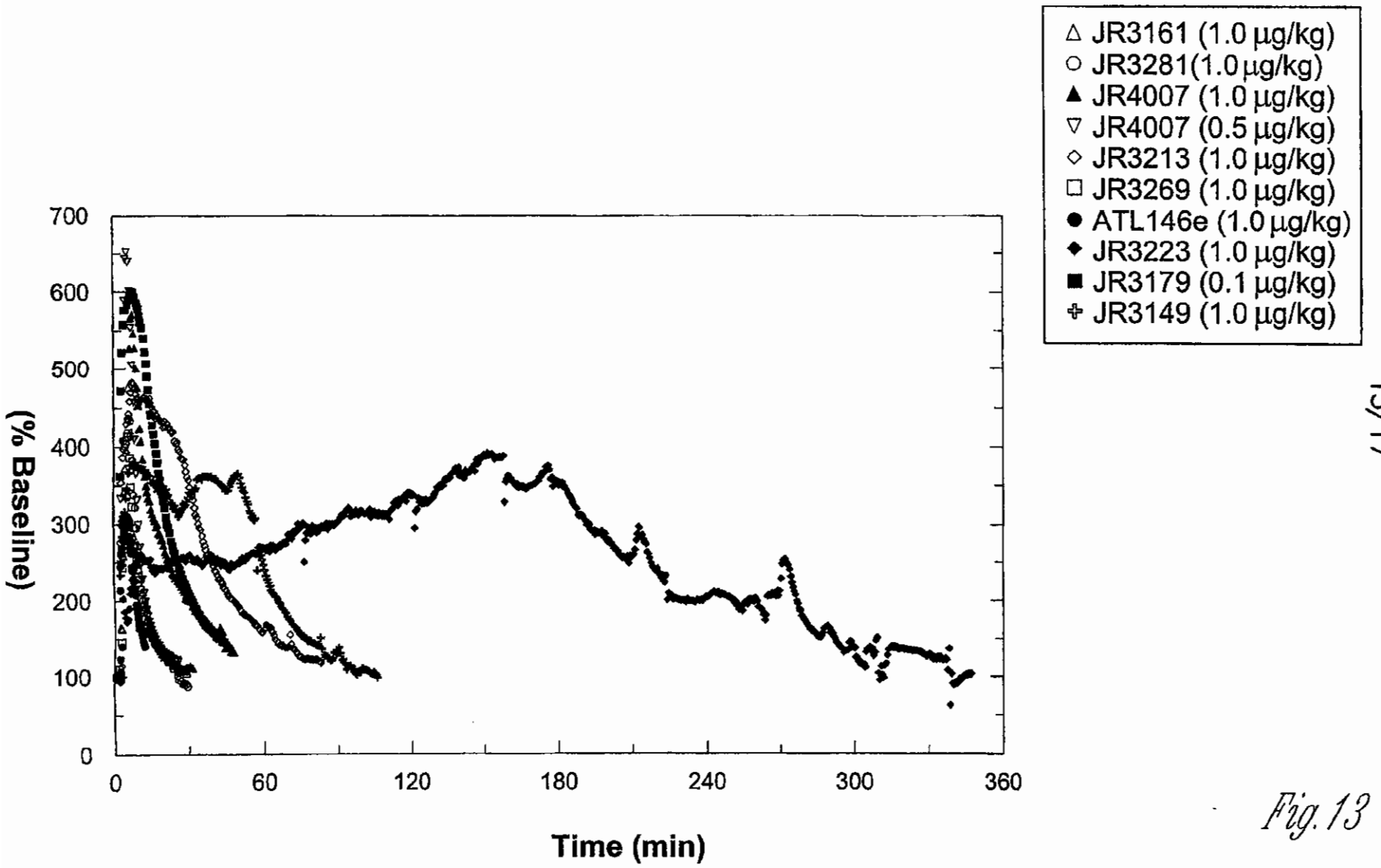
△ JR3161 (1.0 µg/kg)
○ JR3281(1.0 µg/kg)
▲ JR4007 (1.0 µg/kg)
▽ JR4007 (0.5 µg/kg)
◇ JR3213 (1.0 µg/kg)
□ JR3269 (1.0 µg/kg)
● ATL146e (1.0 µg/kg)
◆ JR3223 (1.0 µg/kg)
■ JR3179 (0.1 µg/kg)
✣ JR3149 (1.0 µg/kg)
700
600
500
400
300
200
100
0
(% Baseline)
0
60
120
180
240
300
360
Time (min)

Fig. 13

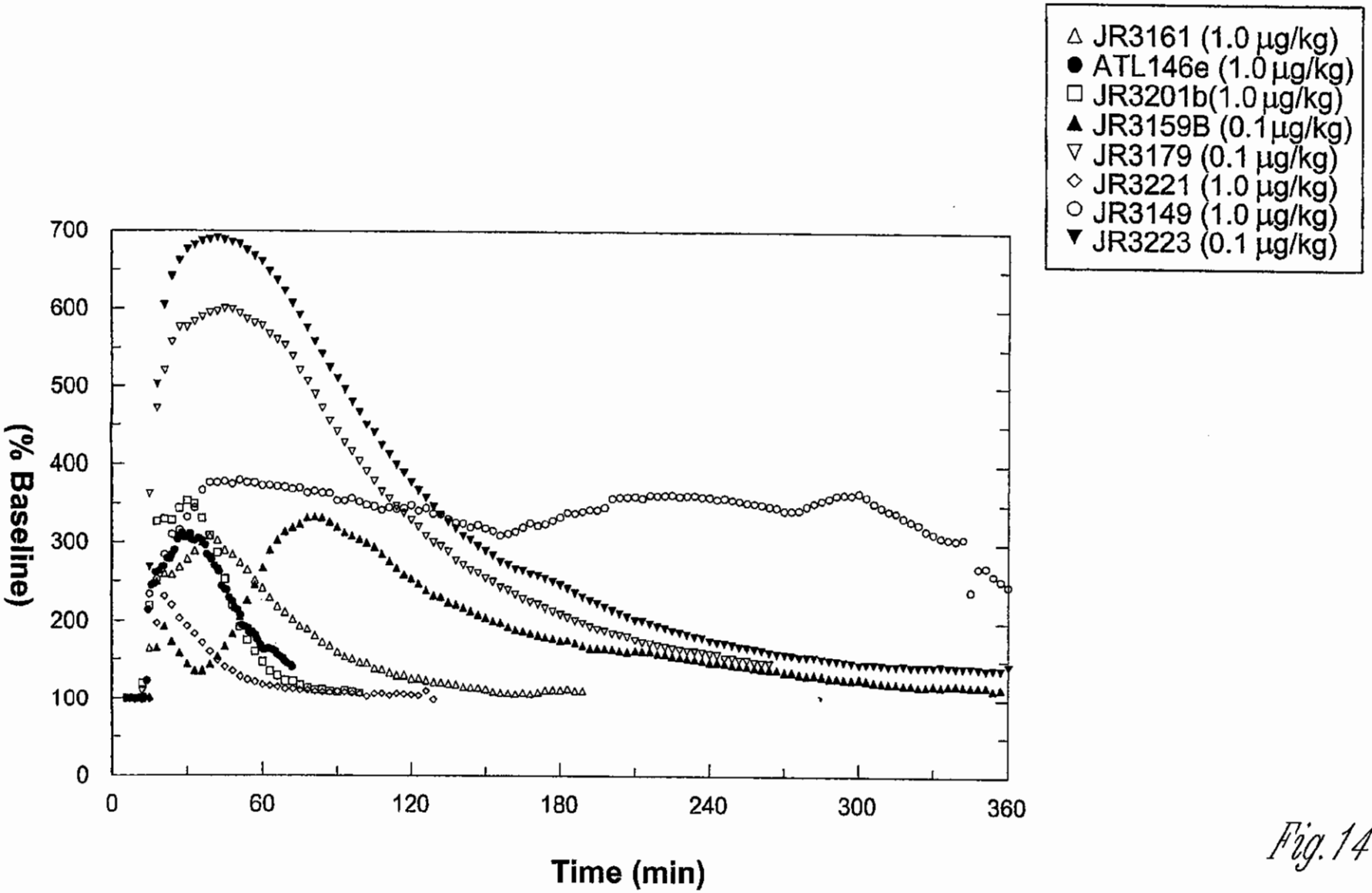
△ JR3161 (1.0 µg/kg)
● ATL146e (1.0 µg/kg)
□ JR3201b(1.0 µg/kg)
▲ JR3159B (0.1 µg/kg)
▽ JR3179 (0.1 µg/kg)
◇ JR3221 (1.0 µg/kg)
○ JR3149 (1.0 µg/kg)
▼ JR3223 (0.1 µg/kg)
700
600
500
400
300
200
100
0
(% Baseline)
0
60
120
180
240
300
360
Time (min)

Fig. 14

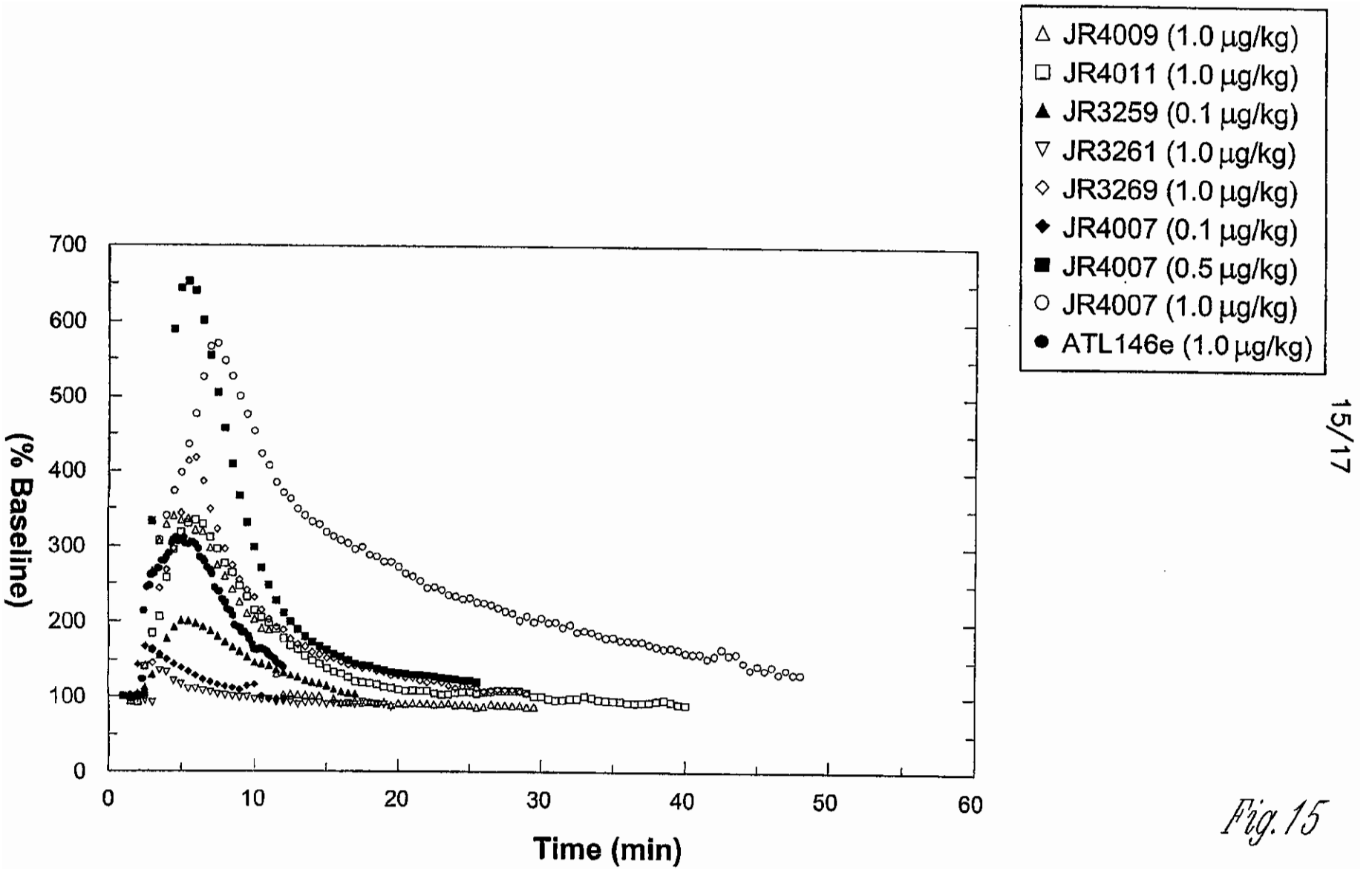
△ JR4009 (1.0 µg/kg)
□ JR4011 (1.0 µg/kg)
▲ JR3259 (0.1 µg/kg)
▽ JR3261 (1.0 µg/kg)
◇ JR3269 (1.0 µg/kg)
◆ JR4007 (0.1 µg/kg)
■ JR4007 (0.5 µg/kg)
○ JR4007 (1.0 µg/kg)
● ATL146e (1.0 µg/kg)
700
600
500
400
300
200
100
0
(% Baseline)
0
10
20
30
40
50
60
Time (min)

Fig. 15

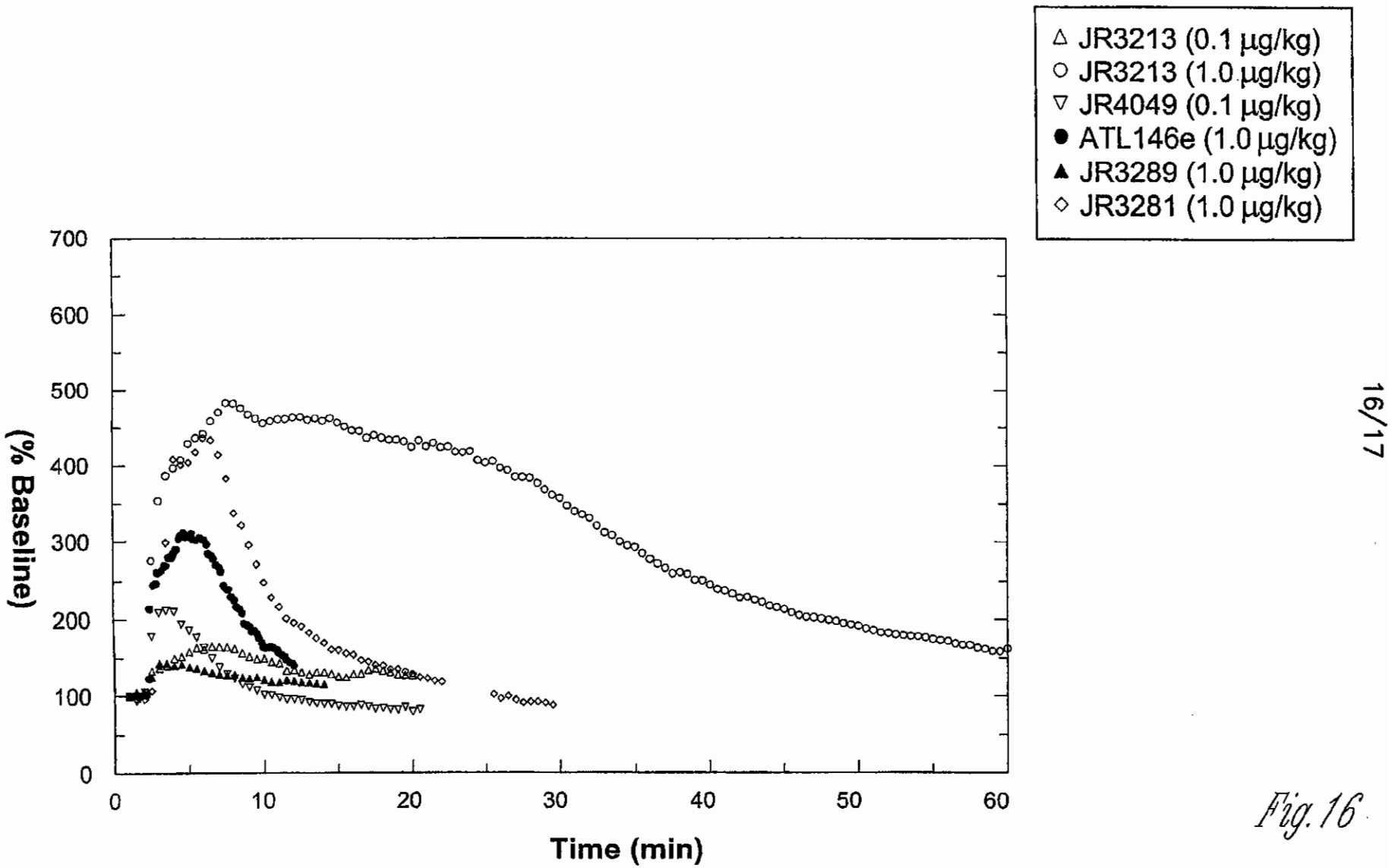
△ JR3213 (0.1 µg/kg)
○ JR3213 (1.0 µg/kg)
▽ JR4049 (0.1 µg/kg)
● ATL146e (1.0 µg/kg)
▲ JR3289 (1.0 µg/kg)
◇ JR3281 (1.0 µg/kg)
700
600
500
400
300
200
100
0
(% Baseline)
0
10
20
30
40
50
60
Time (min)

Fig. 16

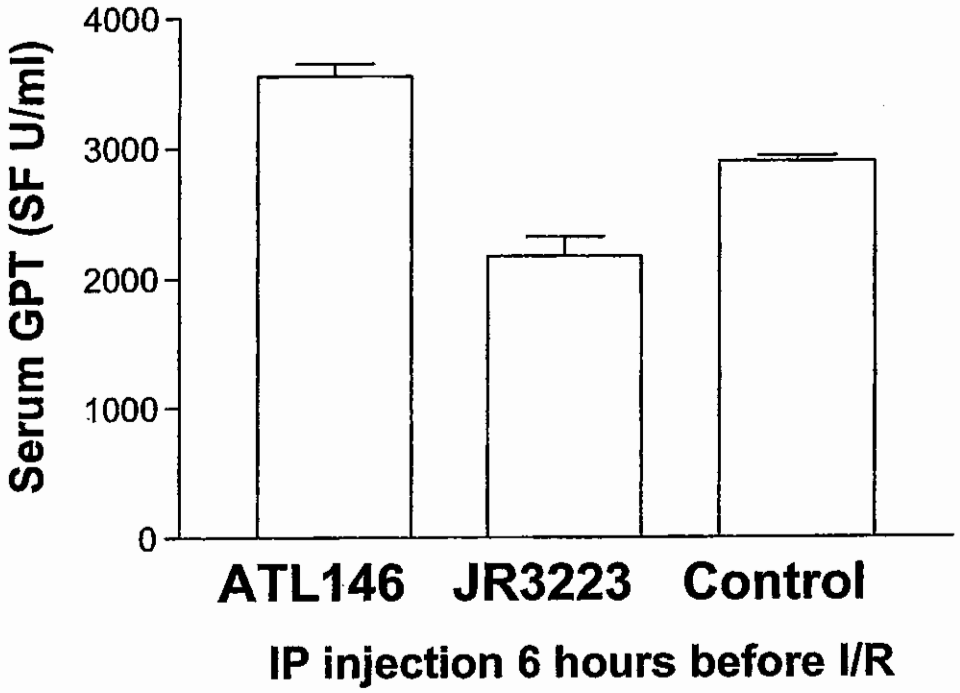
Serum GPT (SF U/ml)
4000
3000
2000
1000
0
ATL146
JR3223
Control
IP injection 6 hours before I/R

Fig. 17