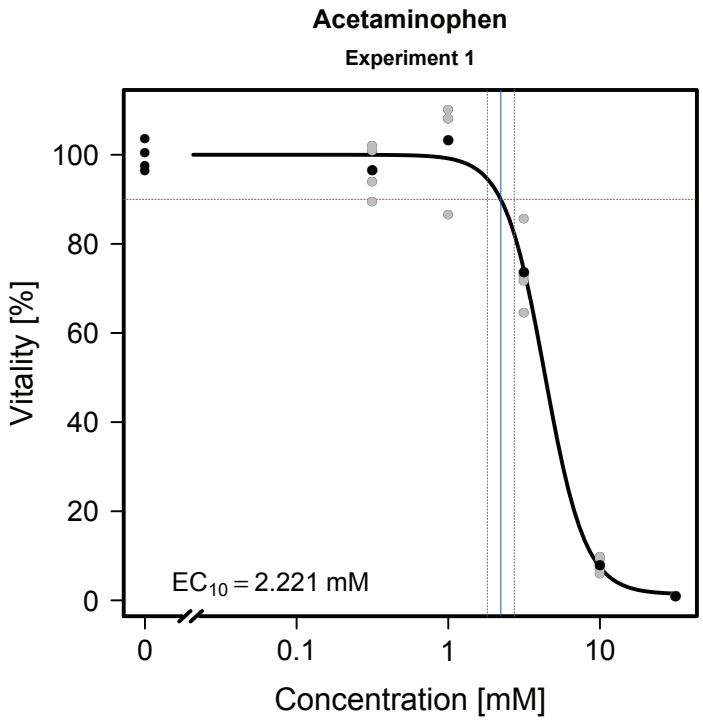
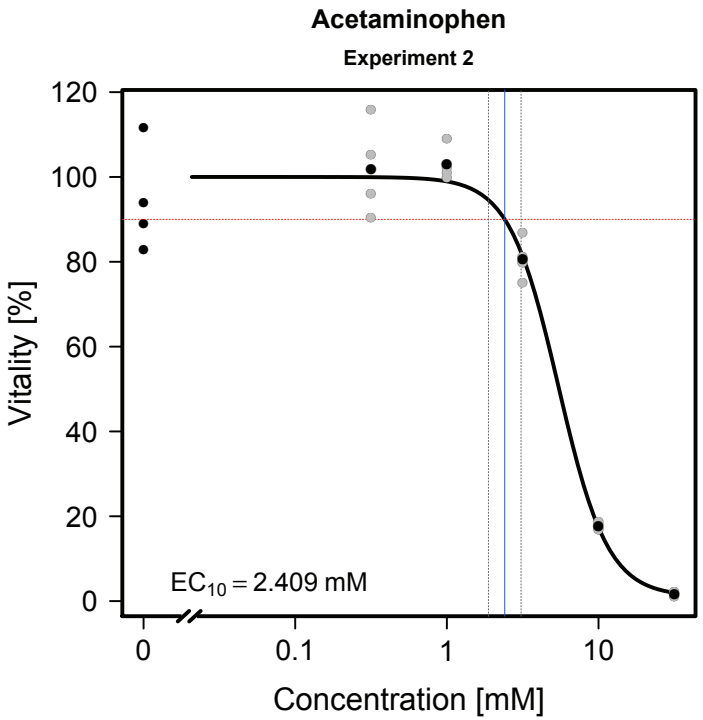
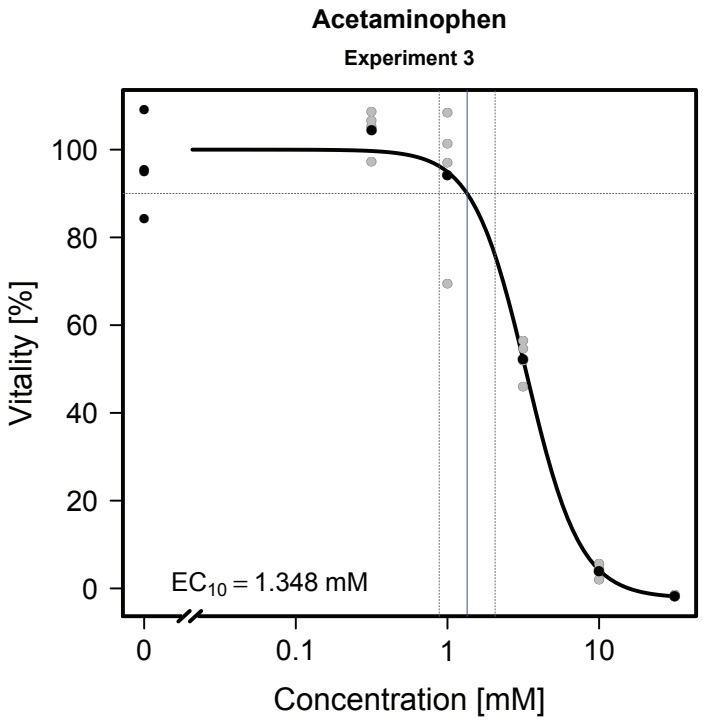
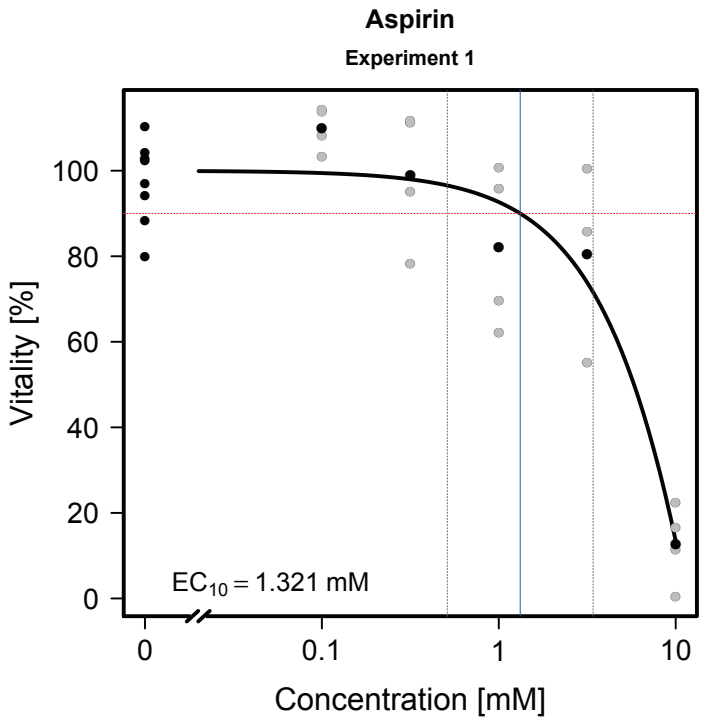
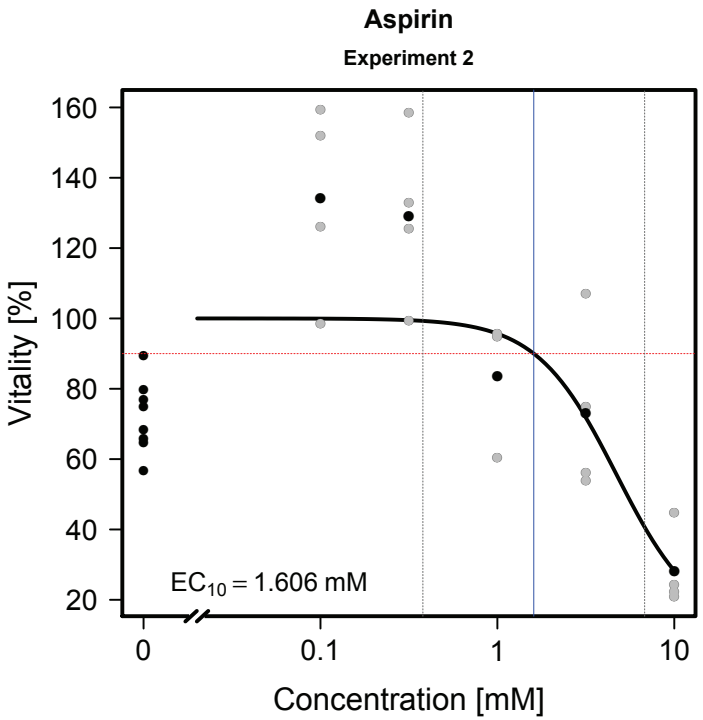
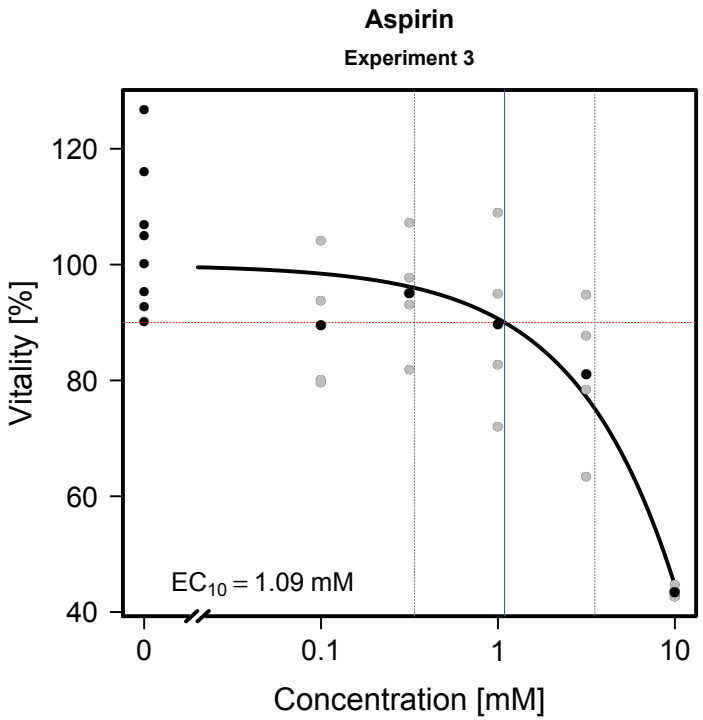

Acetaminophen
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 2.221 mM
0
20
40
60
80
100
0
0.1
1
10

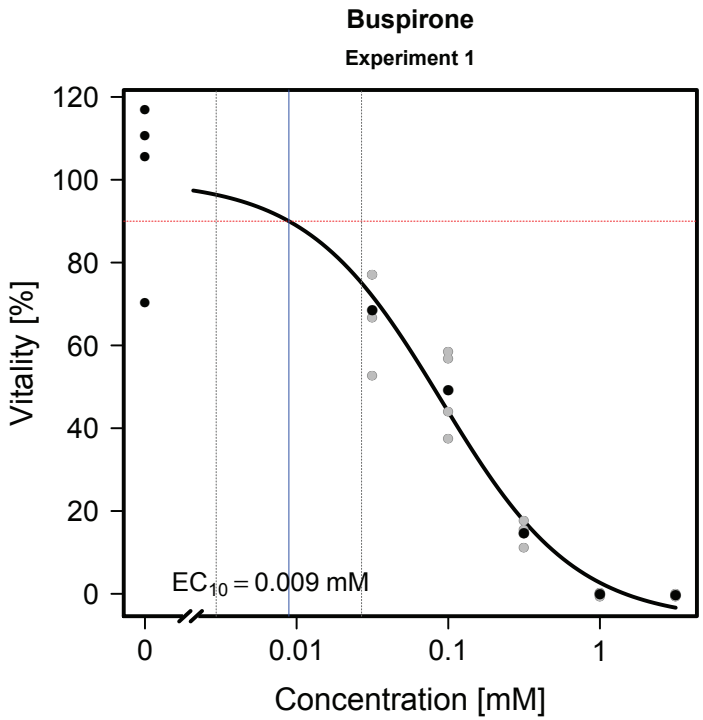

Acetaminophen
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 2.409 mM
0
20
40
60
80
100
120
0
0.1
1
10

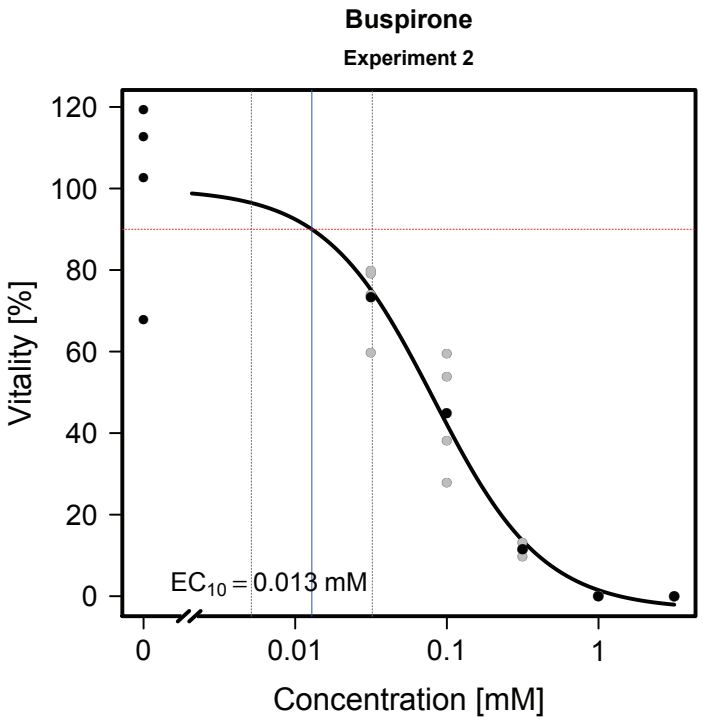

Acetaminophen
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 1.348 mM
0
20
40
60
80
100
0
0.1
1
10

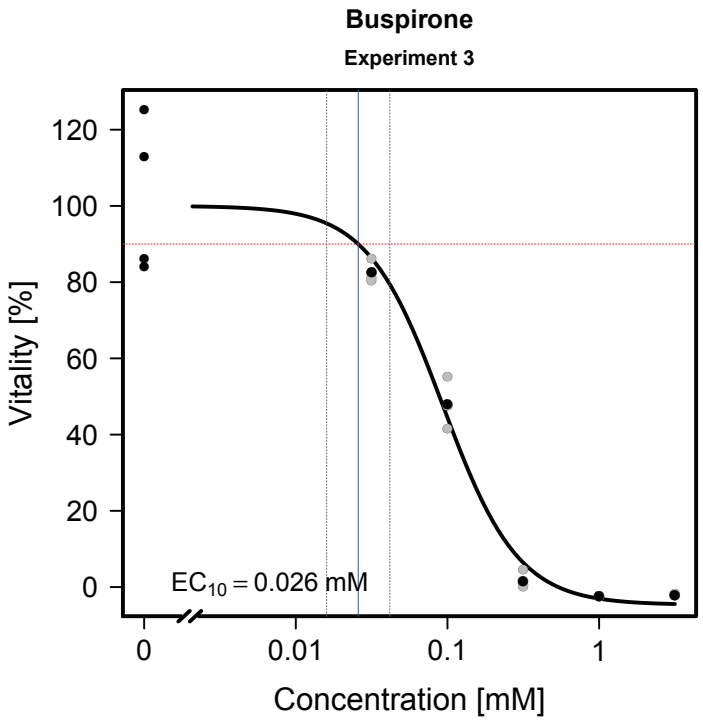

Aspirin
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 1.321 mM
0
20
40
60
80
100
0
0.1
1
10

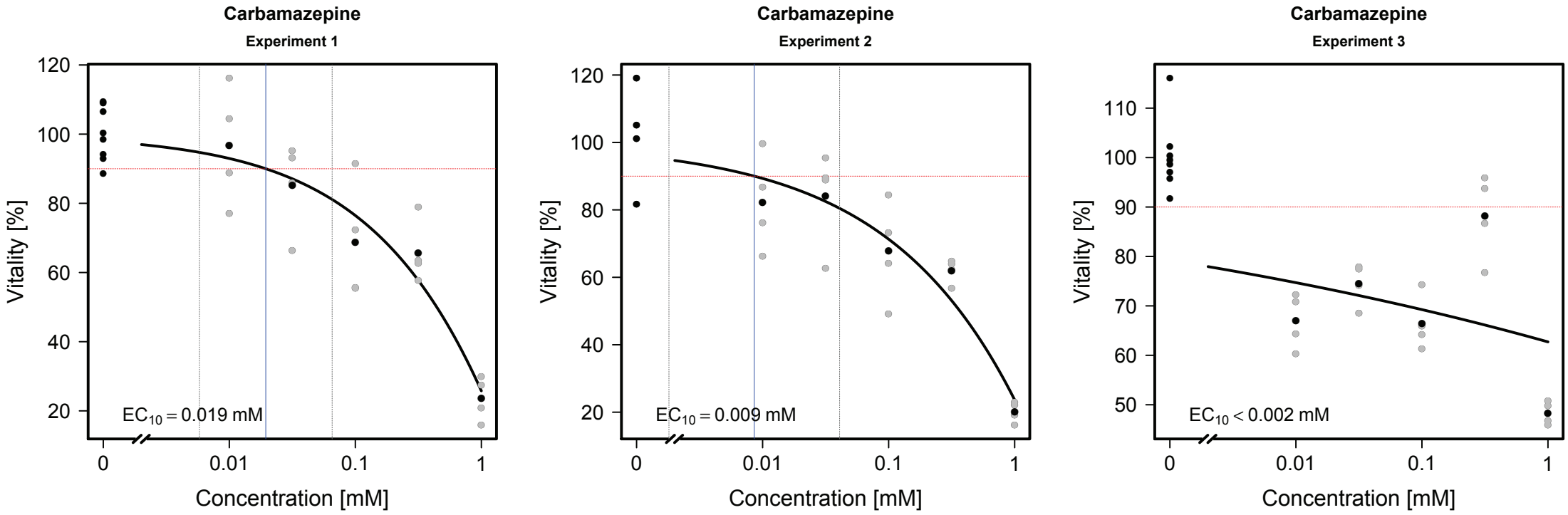

Aspirin
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 1.606 mM
20
40
60
80
100
120
140
160
0
0.1
1
10

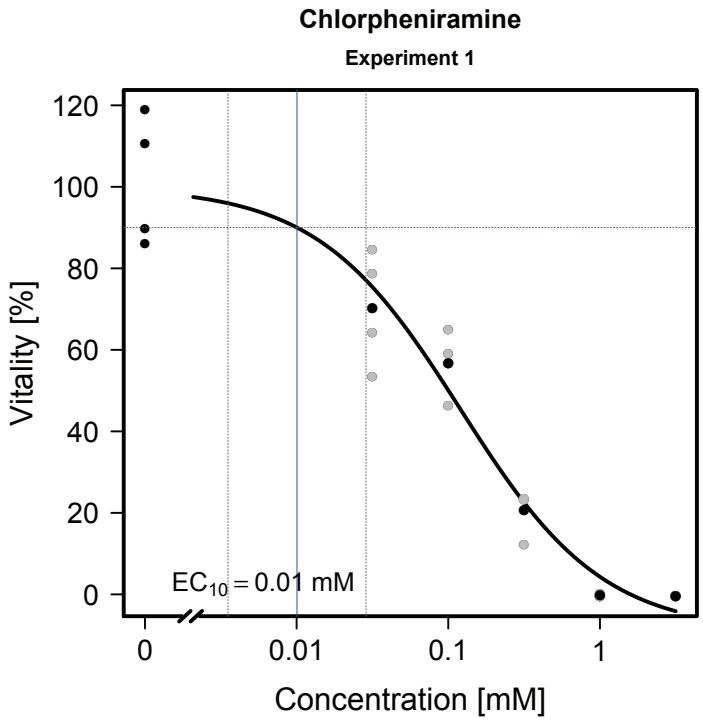

Aspirin
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 1.09 mM
40
60
80
100
120
0
0.1
1
10

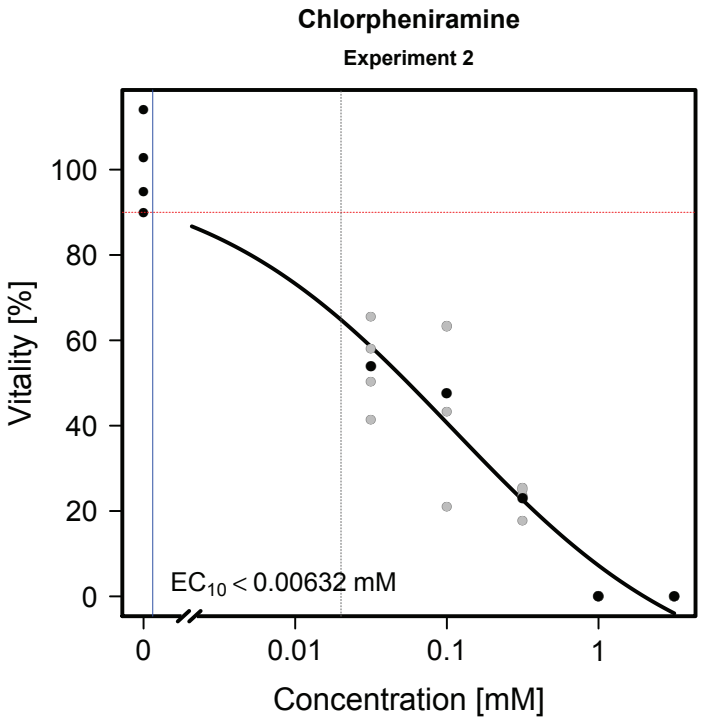

Buspirone
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.009 mM
0
20
40
60
80
100
120
0
0.01
0.1
1

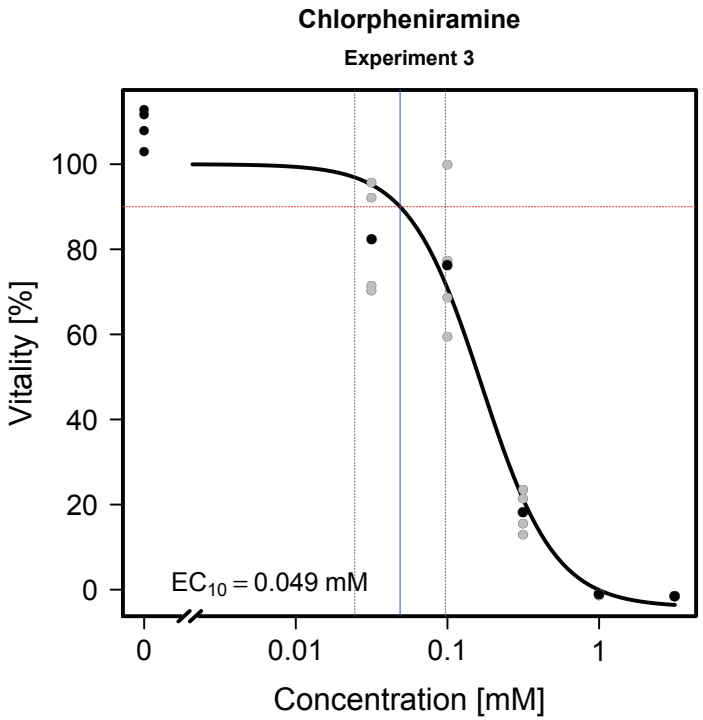

Buspirone
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.013 mM
0
20
40
60
80
100
120
0
0.01
0.1
1

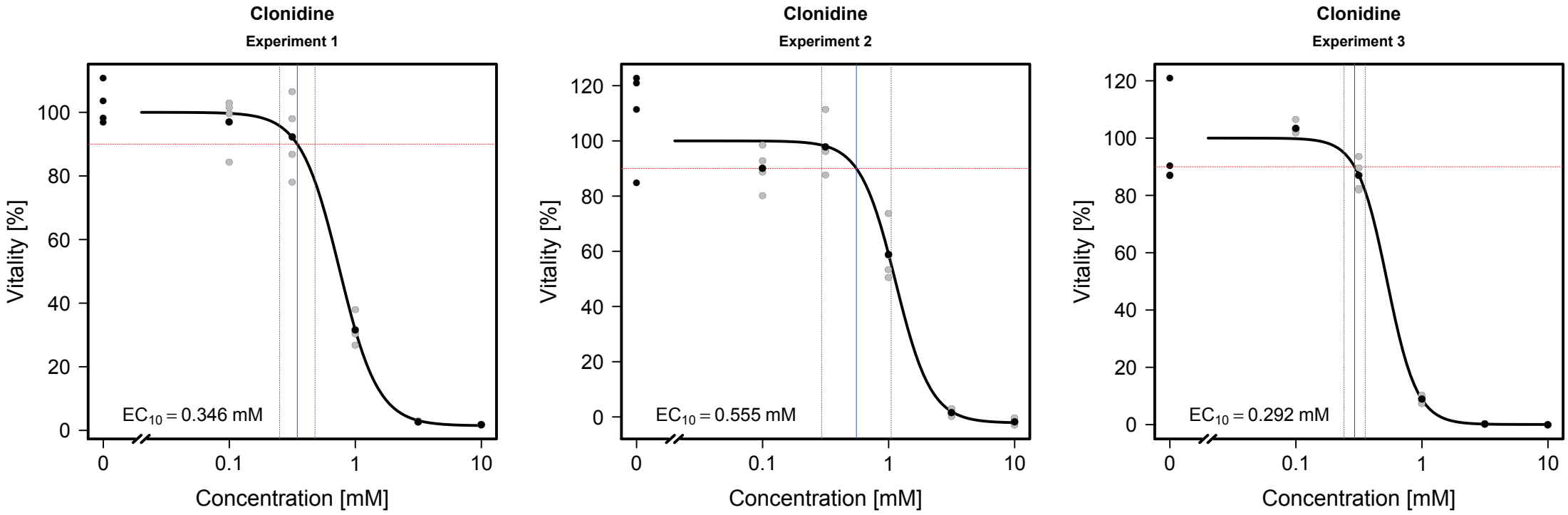

Buspirone
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.026 mM
0
20
40
60
80
100
120
0
0.01
0.1
1

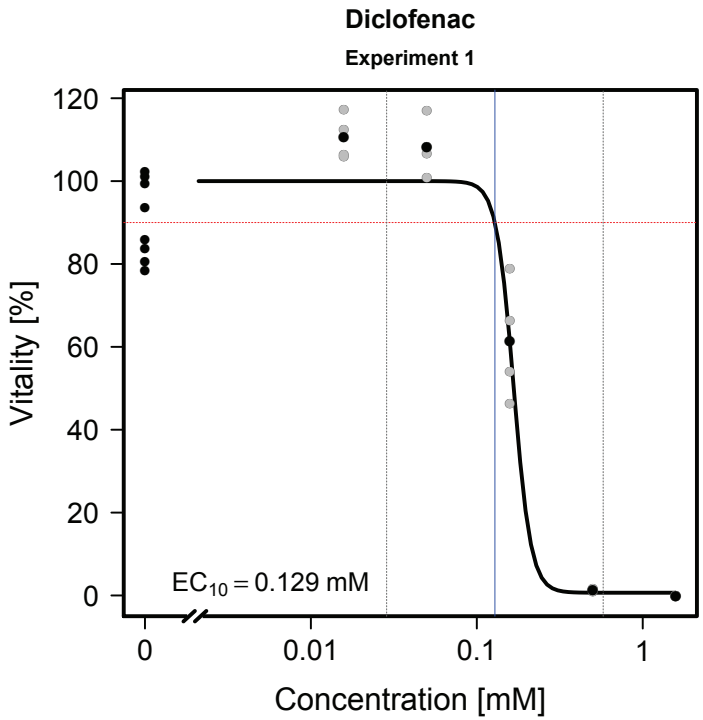

Carbamazepine
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.019 mM
Carbamazepine
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.009 mM
Carbamazepine
Experiment 3
Vitality [%]
Concentration [mM]
EC10 < 0.002 mM

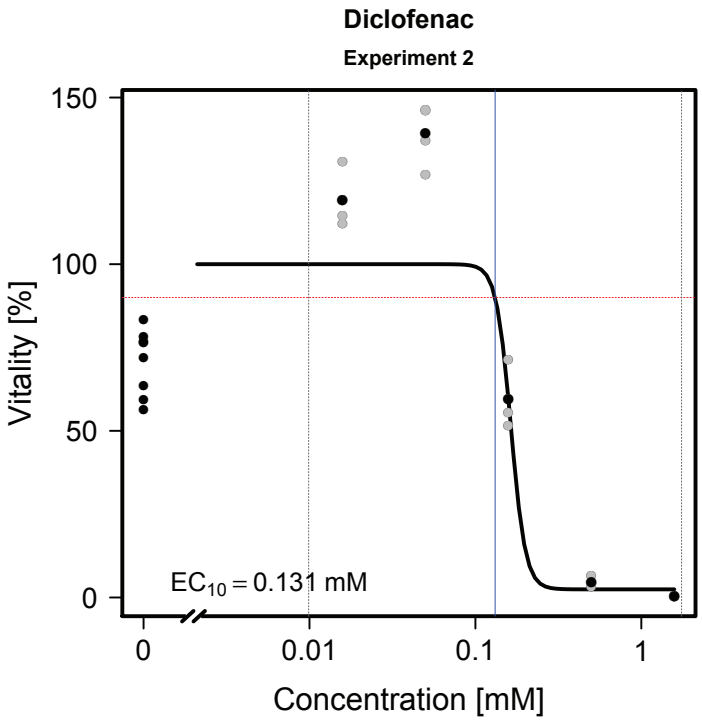

Chlorpheniramine
Experiment 1
Vitality [%]
120
100
80
60
40
20
0
EC10 = 0.01 mM
0
0.01
0.1
1
Concentration [mM]

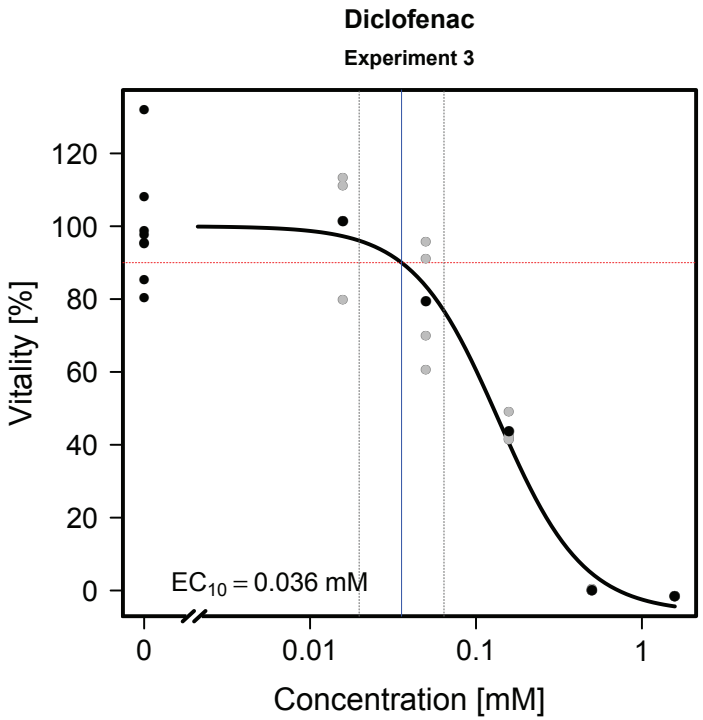

Chlorpheniramine
Experiment 2
Vitality [%]
100
80
60
40
20
0
EC10 < 0.00632 mM
0
0.01
0.1
1
Concentration [mM]

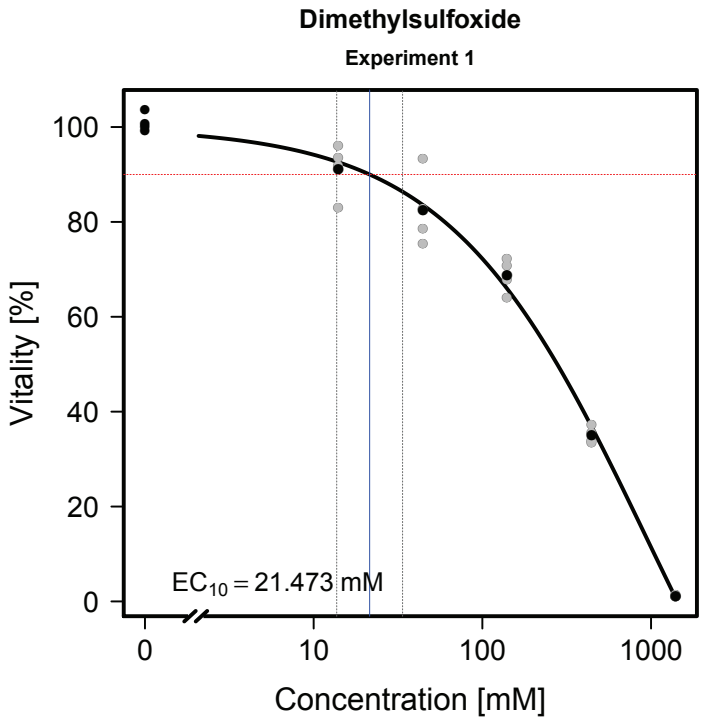

Chlorpheniramine
Experiment 3
Vitality [%]
100
80
60
40
20
0
EC10 = 0.049 mM
0
0.01
0.1
1
Concentration [mM]

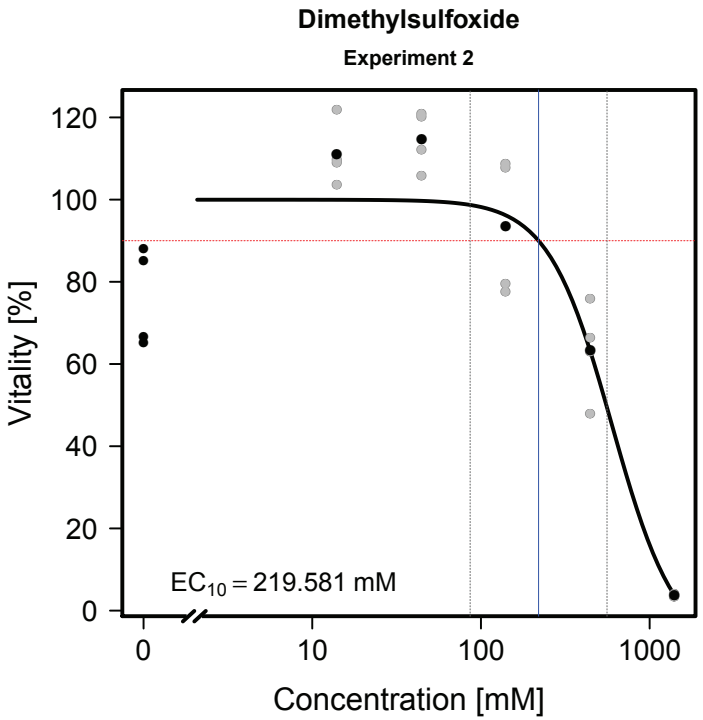

Clonidine
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.346 mM
Clonidine
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.555 mM
Clonidine
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.292 mM

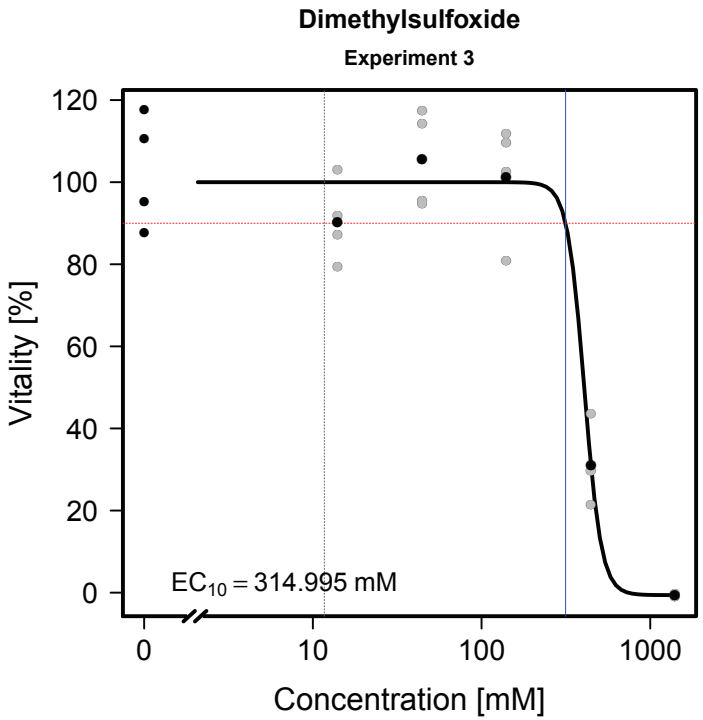

Diclofenac
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.129 mM
0
20
40
60
80
100
120
0
0.01
0.1
1

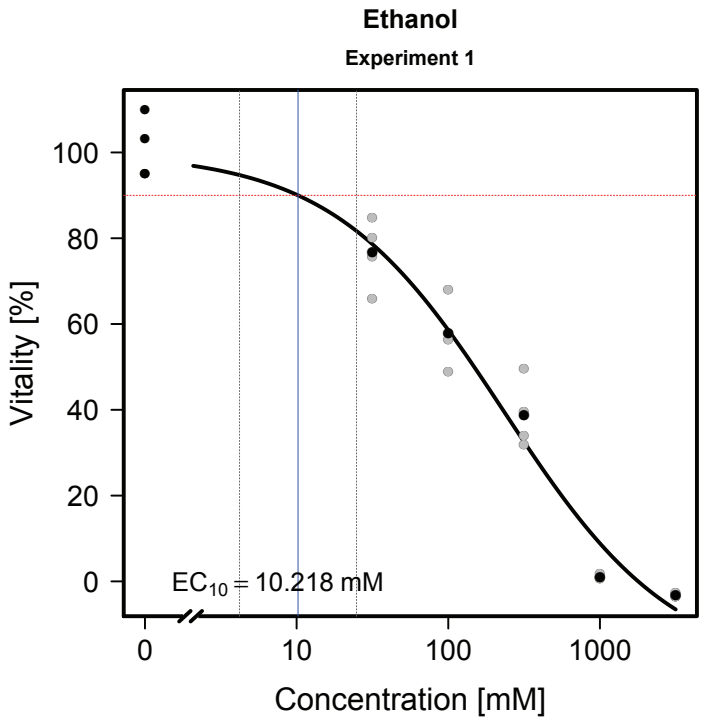

Diclofenac
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.131 mM
0
50
100
150
0
0.01
0.1
1

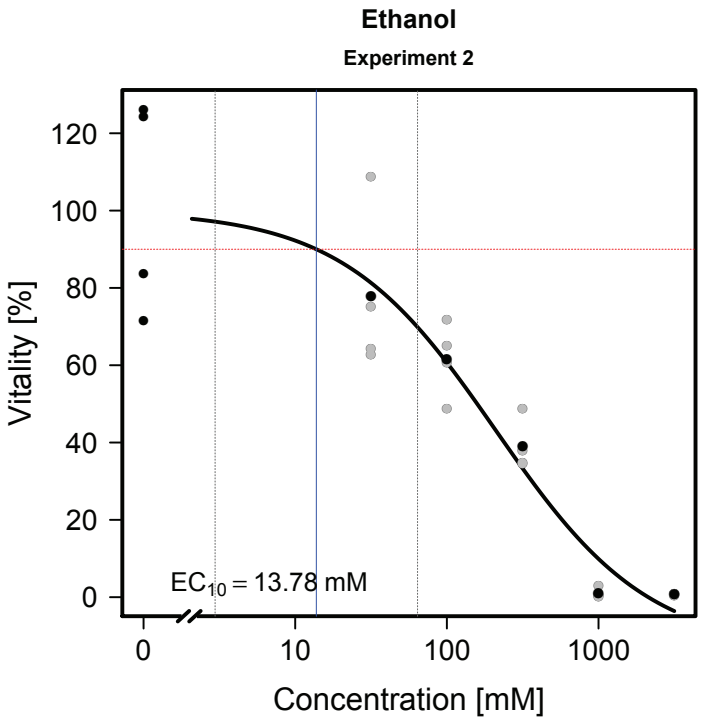

Diclofenac
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.036 mM
0
20
40
60
80
100
120
0
0.01
0.1
1

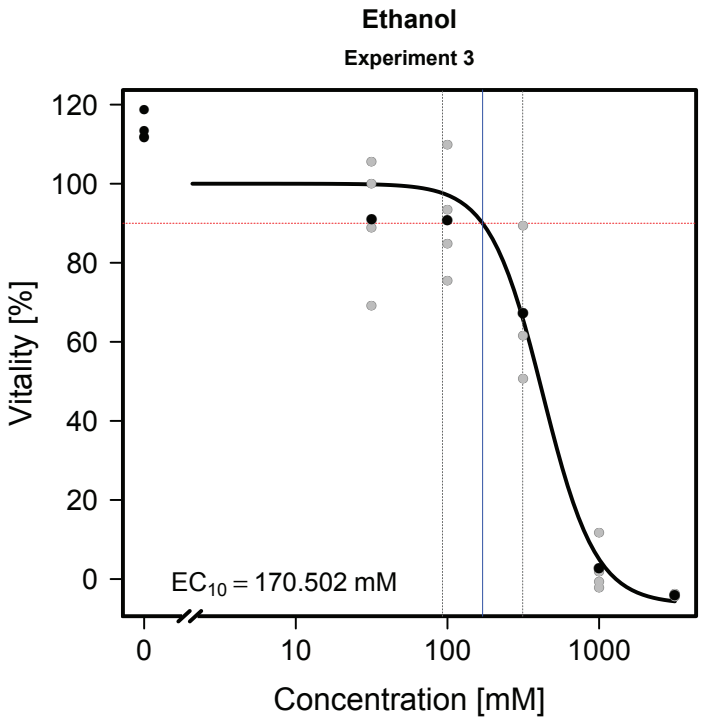

Dimethylsulfoxide
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 21.473 mM

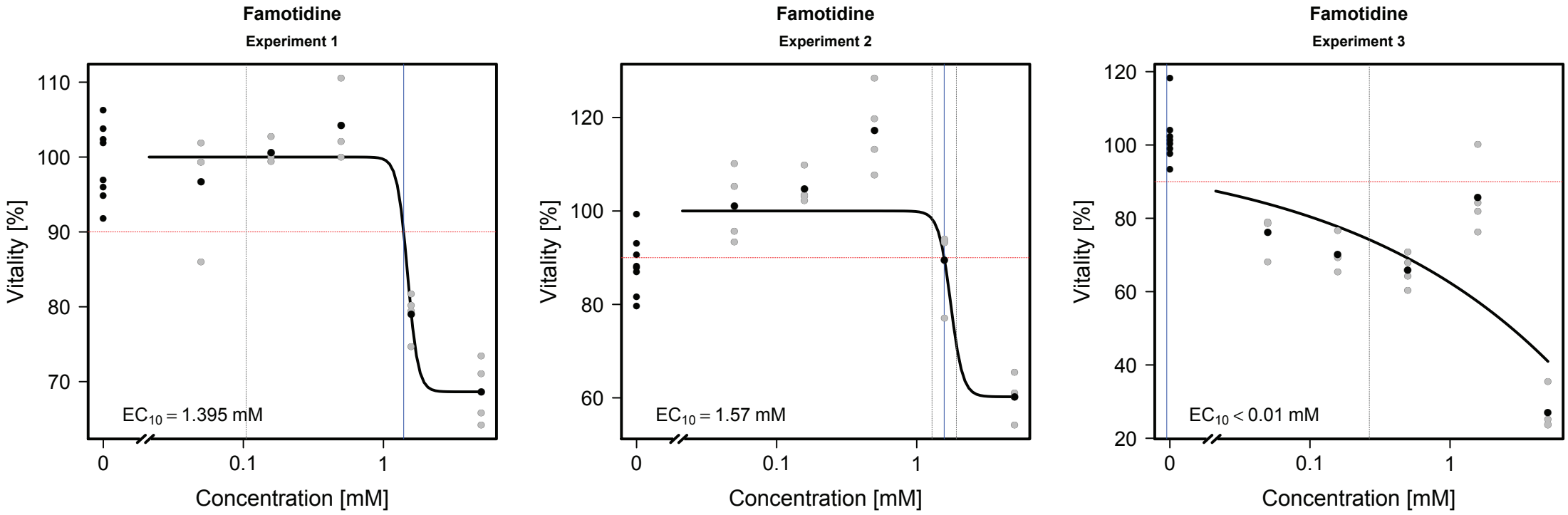

Dimethylsulfoxide
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 219.581 mM

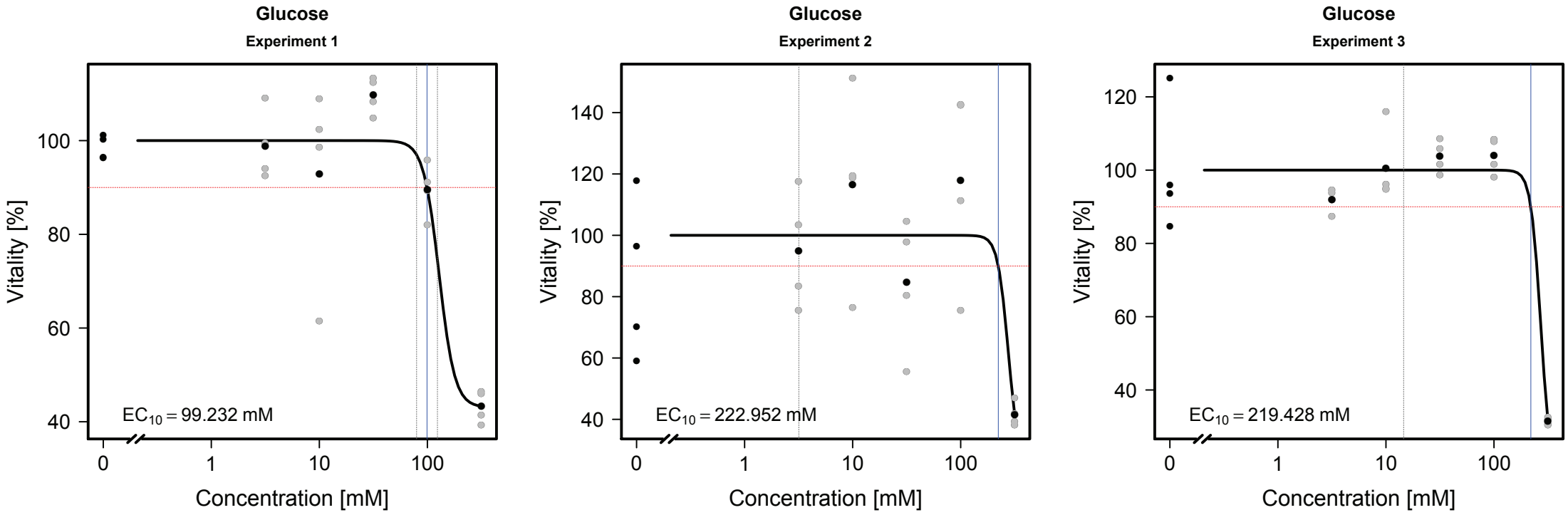

Dimethylsulfoxide
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 314.995 mM

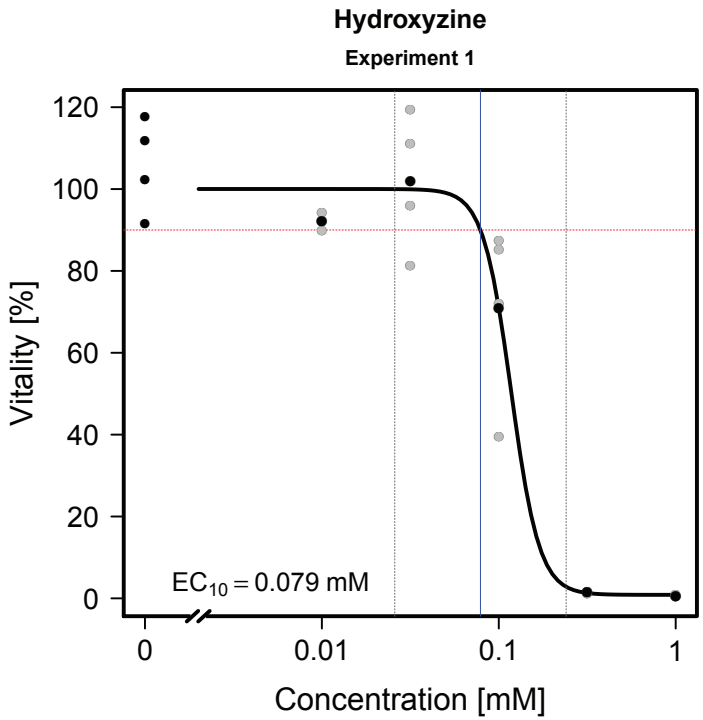

Ethanol
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 10.218 mM
0
10
100
1000
0
20
40
60
80
100

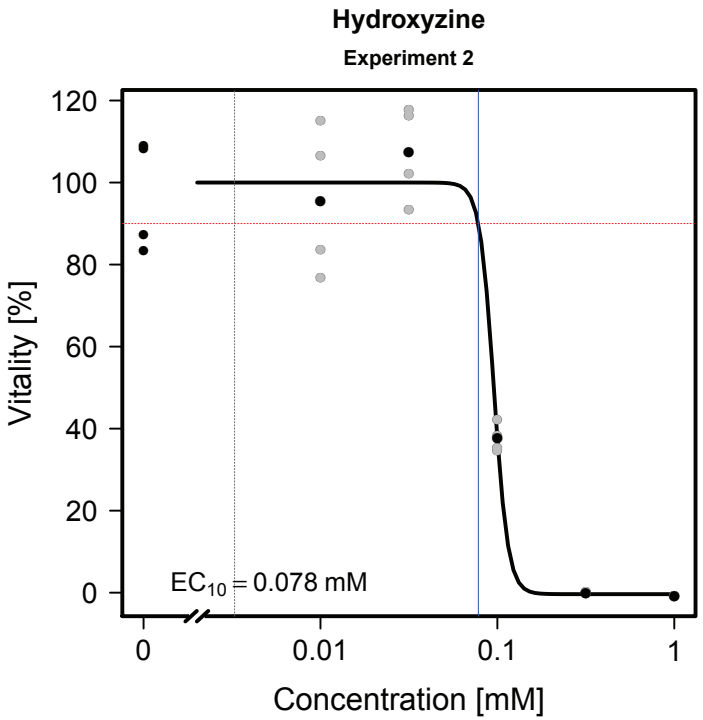

Ethanol
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 13.78 mM
0
10
100
1000
0
20
40
60
80
100
120

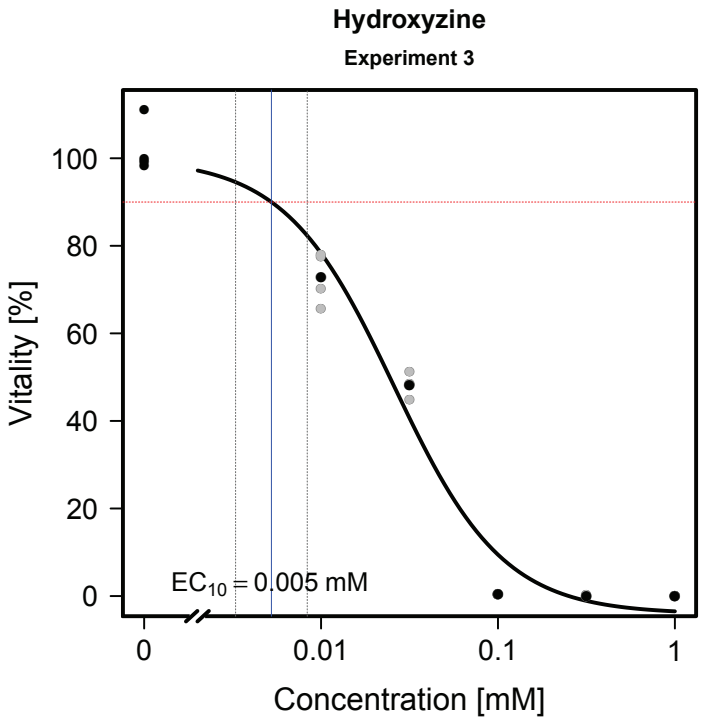

Ethanol
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 170.502 mM
0
10
100
1000
0
20
40
60
80
100
120

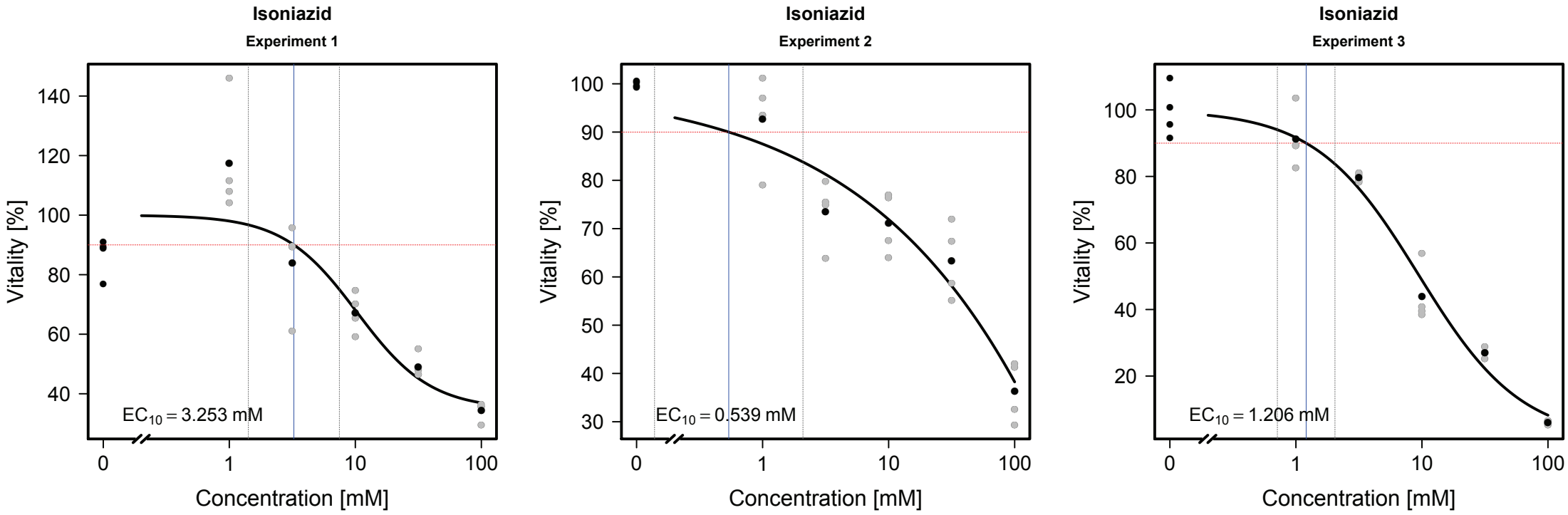

Famotidine
Experiment 1
Vitality [%]
110
100
90
80
70
EC10 = 1.395 mM
0
0.1
1
Concentration [mM]
Famotidine
Experiment 2
Vitality [%]
120
100
80
60
EC10 = 1.57 mM
0
0.1
1
Concentration [mM]
Famotidine
Experiment 3
Vitality [%]
120
100
80
60
40
20
EC10 < 0.01 mM
0
0.1
1
Concentration [mM]

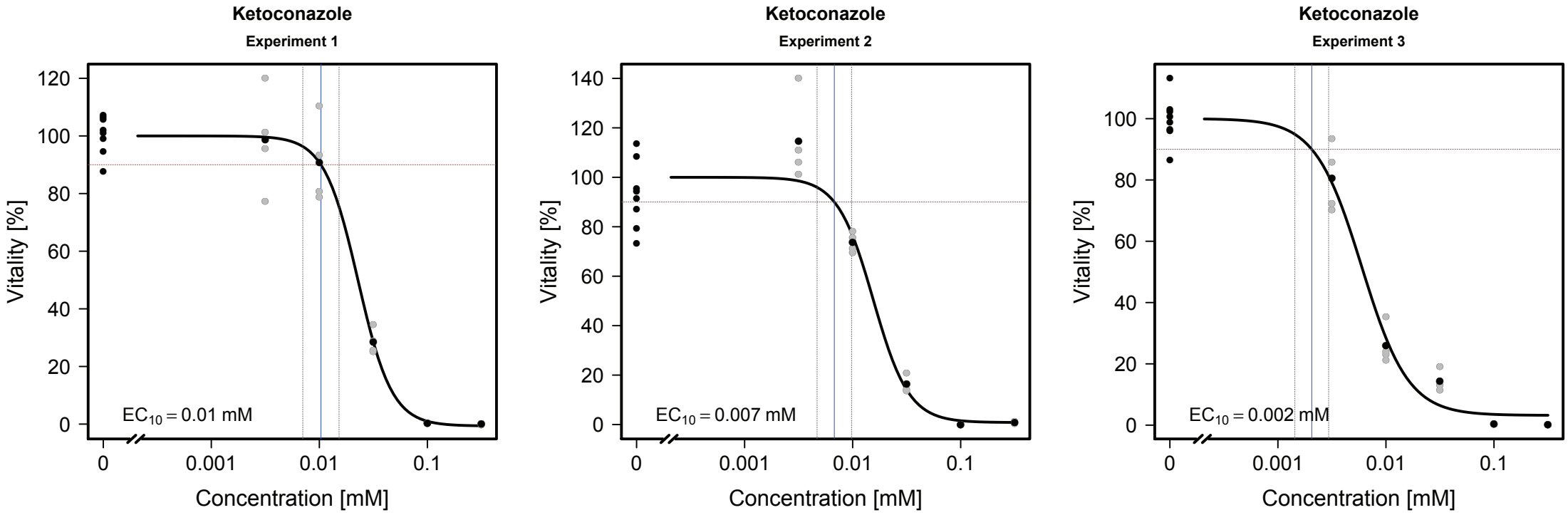

Glucose
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 99.232 mM
Glucose
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 222.952 mM
Glucose
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 219.428 mM

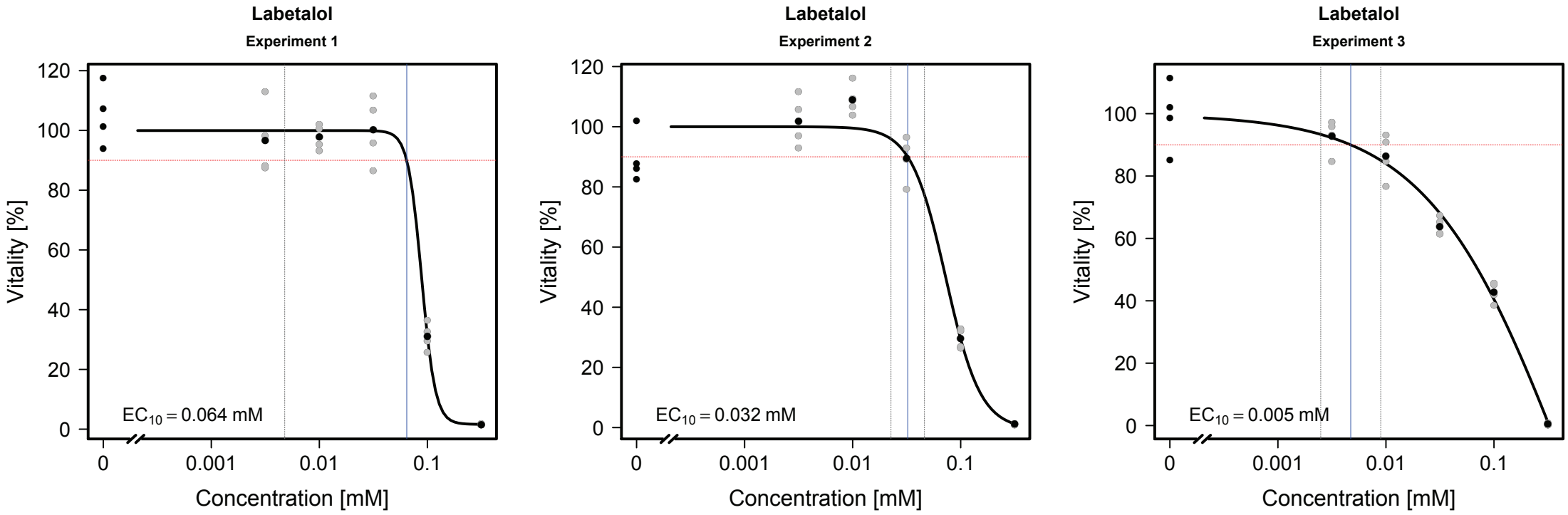

Hydroxyzine
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.079 mM
0
20
40
60
80
100
120
0
0.01
0.1
1

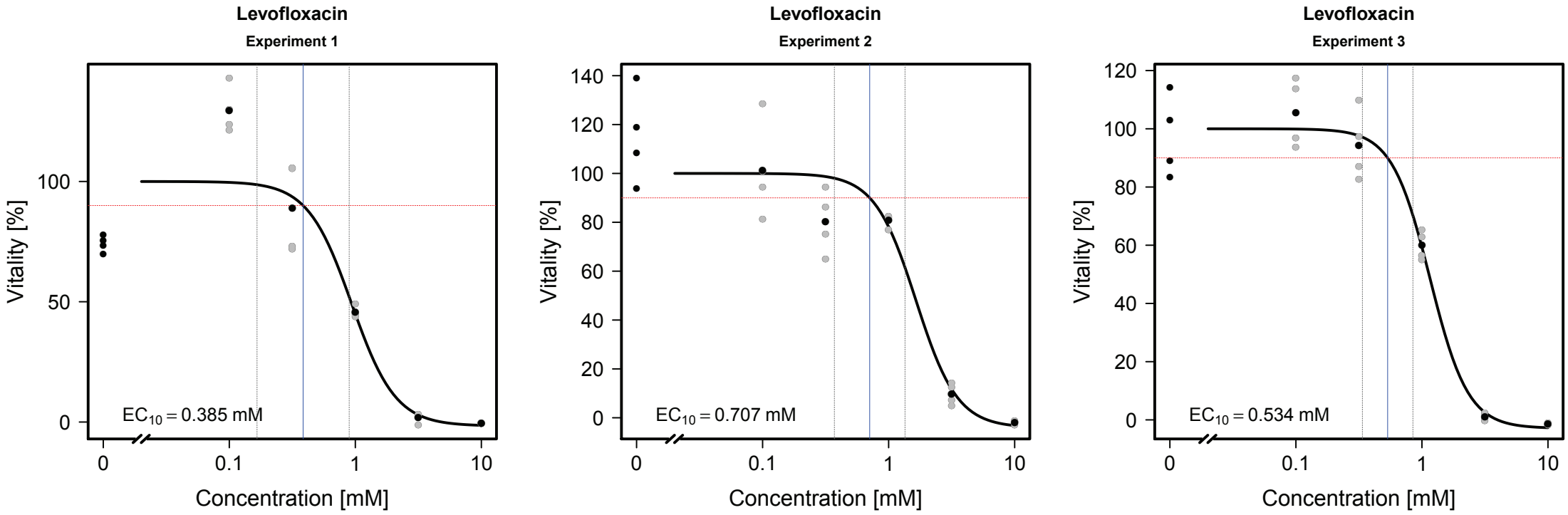

Hydroxyzine
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.078 mM
0
20
40
60
80
100
120
0
0.01
0.1
1

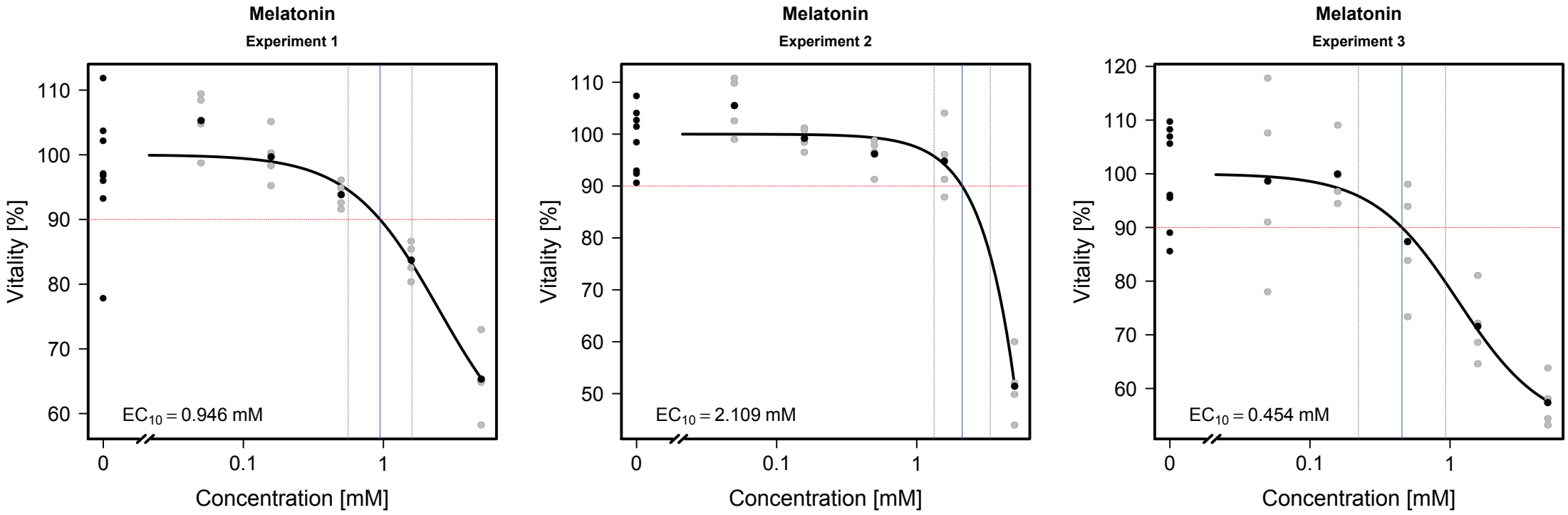

Hydroxyzine
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.005 mM
0
20
40
60
80
100
0
0.01
0.1
1

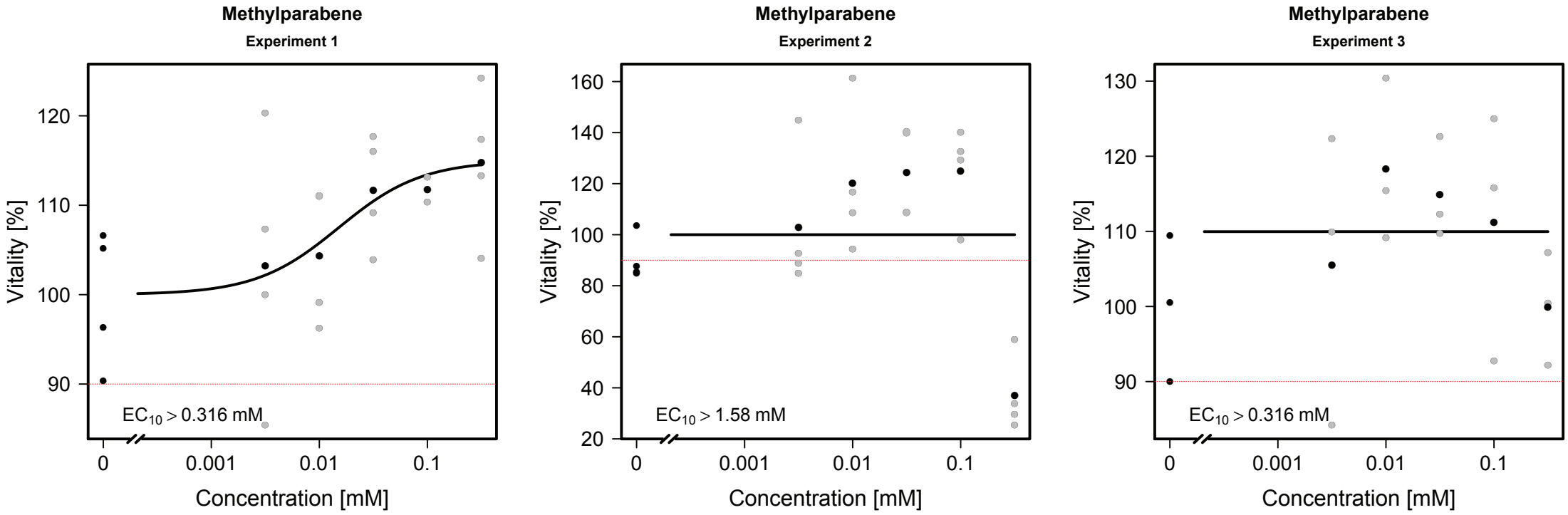

Isoniazid
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 3.253 mM
Isoniazid
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.539 mM
Isoniazid
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 1.206 mM

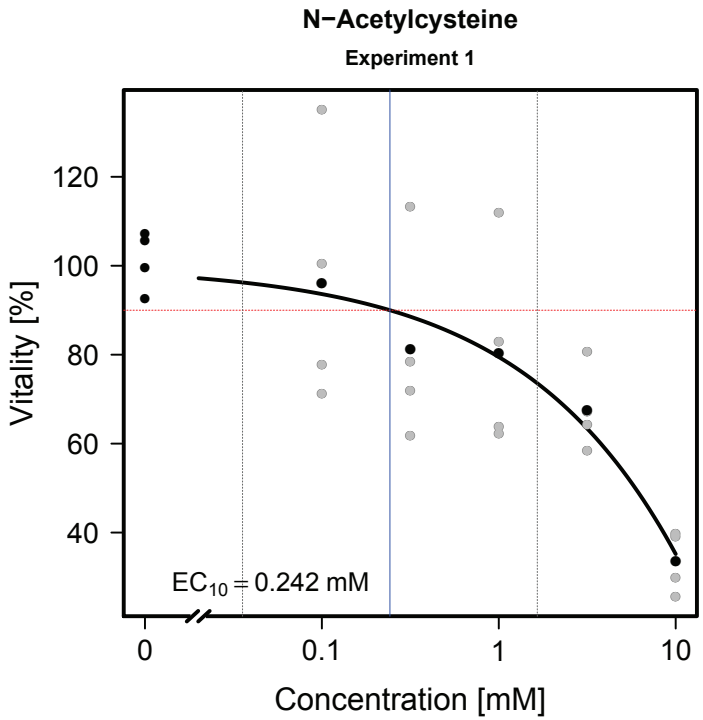

Ketoconazole
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.01 mM
Ketoconazole
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.007 mM
Ketoconazole
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.002 mM

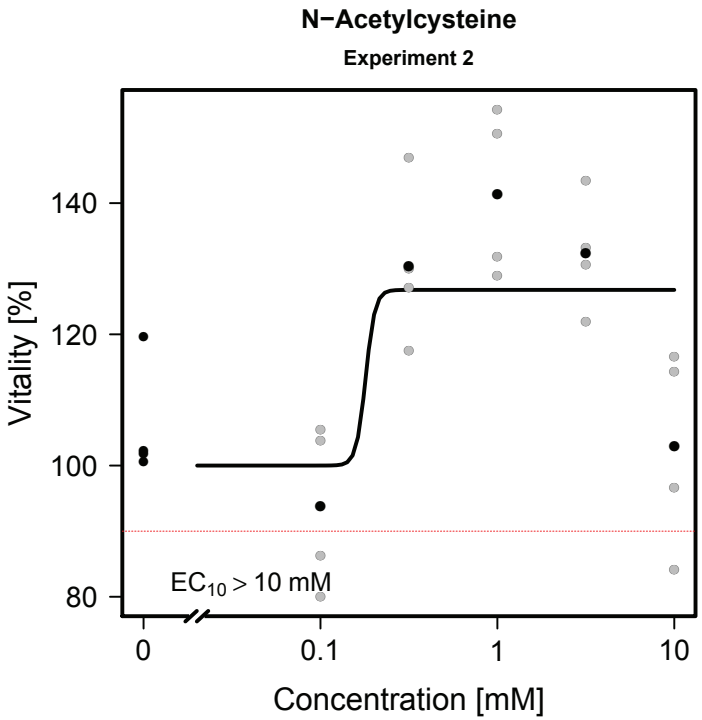

Labetalol
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.064 mM
Labetalol
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.032 mM
Labetalol
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.005 mM

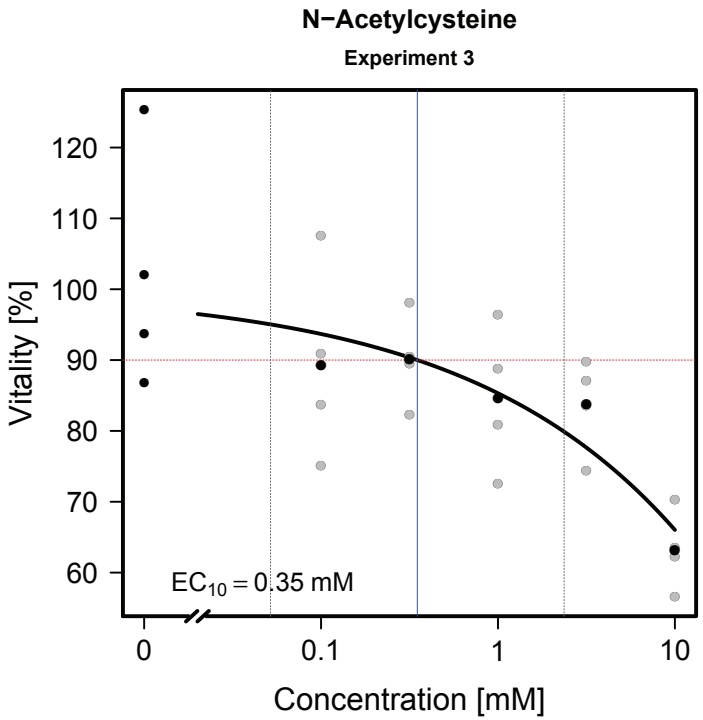

Levofloxacin
Experiment 1
Vitality [%]
100
50
0
EC10 = 0.385 mM
0
0.1
1
10
Concentration [mM]
Levofloxacin
Experiment 2
Vitality [%]
140
120
100
80
60
40
20
0
EC10 = 0.707 mM
0
0.1
1
10
Concentration [mM]
Levofloxacin
Experiment 3
Vitality [%]
120
100
80
60
40
20
0
EC10 = 0.534 mM
0
0.1
1
10
Concentration [mM]

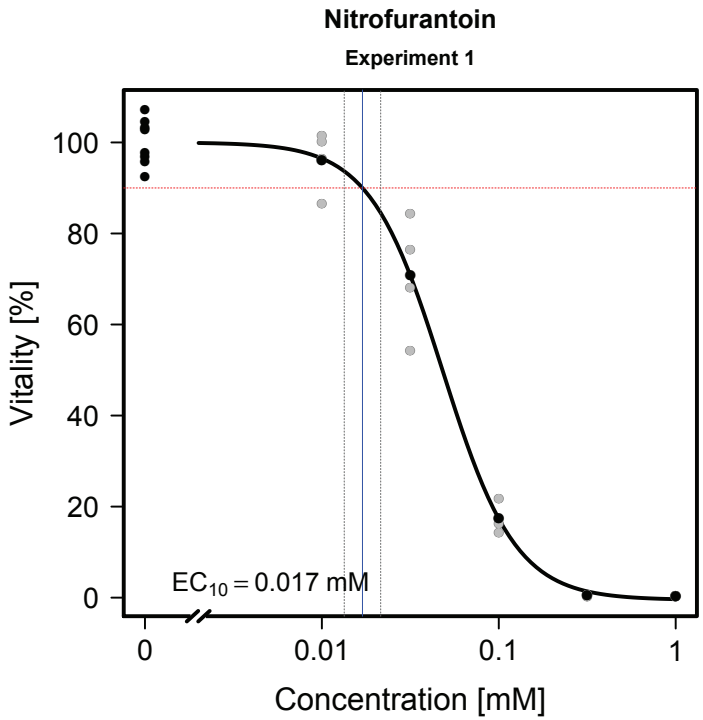

Melatonin
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.946 mM
Melatonin
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 2.109 mM
Melatonin
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.454 mM

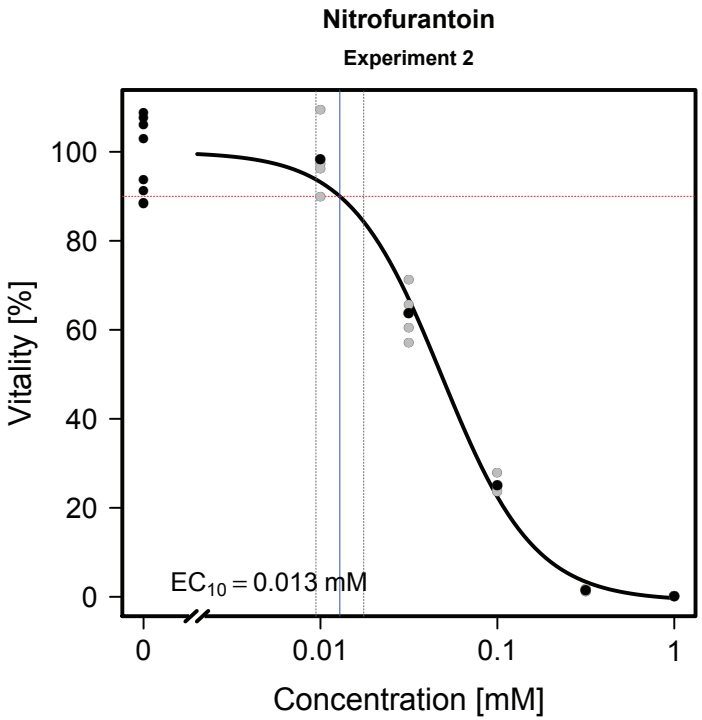

Methylparabene
Experiment 1
Vitality [%]
120
110
100
90
EC10 > 0.316 mM
0
0.001
0.01
0.1
Concentration [mM]
Methylparabene
Experiment 2
Vitality [%]
160
140
120
100
80
60
40
20
EC10 > 1.58 mM
0
0.001
0.01
0.1
Concentration [mM]
Methylparabene
Experiment 3
Vitality [%]
130
120
110
100
90
EC10 > 0.316 mM
0
0.001
0.01
0.1
Concentration [mM]

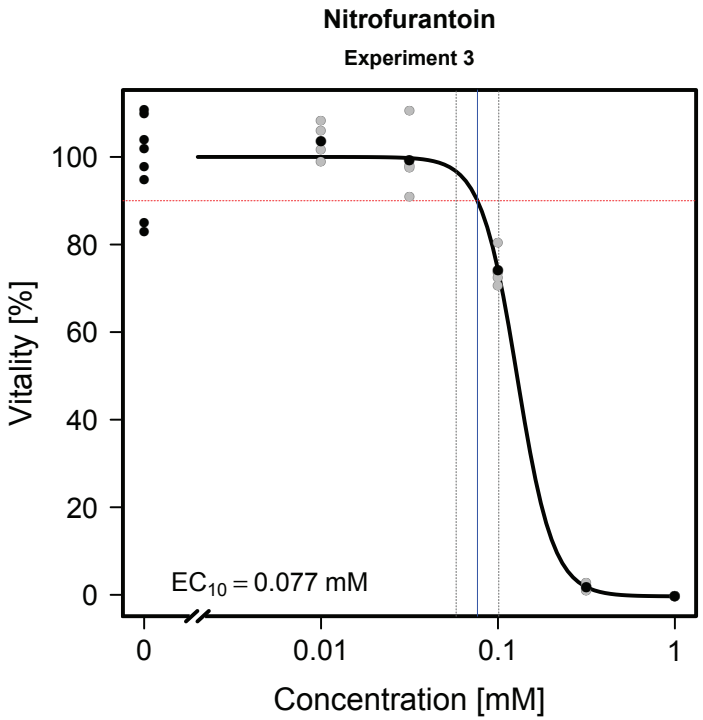

N−Acetylcysteine
Experiment 1
Vitality [%]
120
100
80
60
40
EC10 = 0.242 mM
0
0.1
1
10
Concentration [mM]

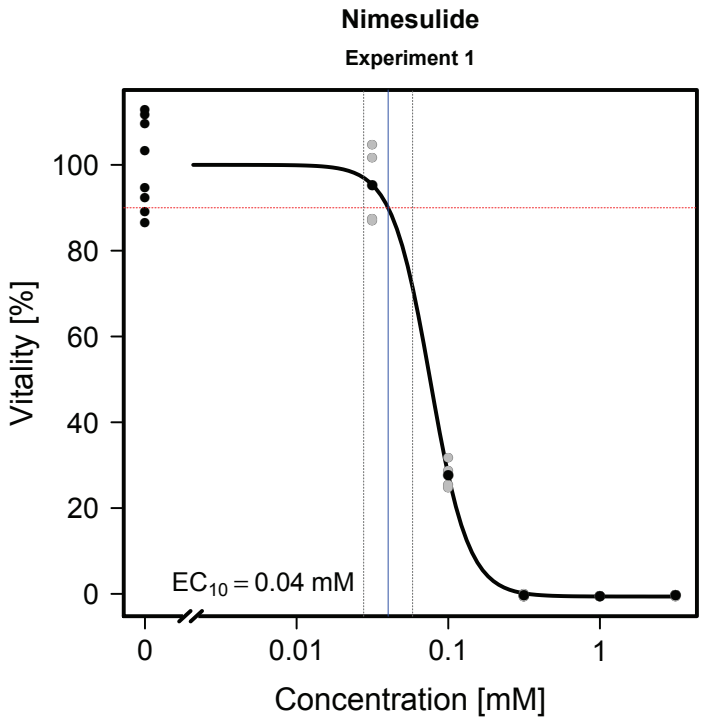

N−Acetylcysteine
Experiment 2
Vitality [%]
140
120
100
80
EC10 > 10 mM
0
0.1
1
10
Concentration [mM]

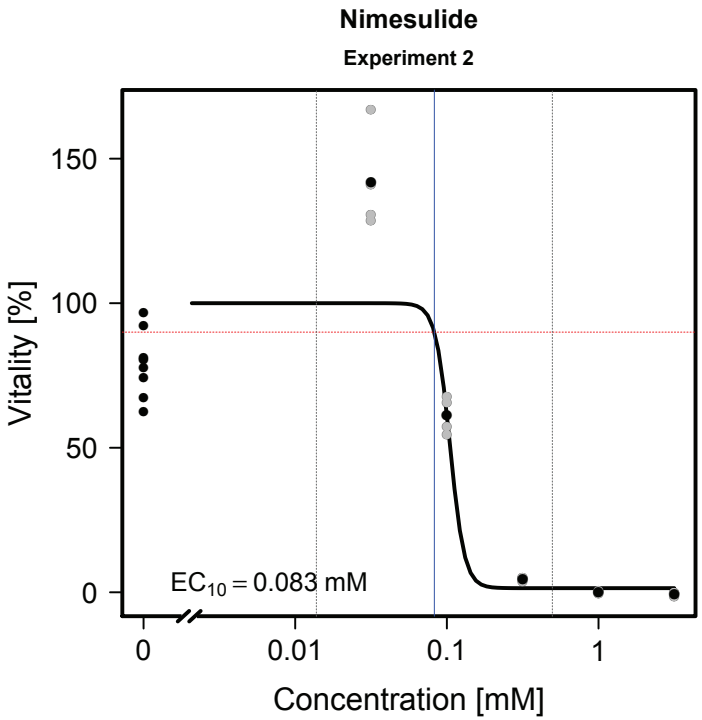

N−Acetylcysteine
Experiment 3
Vitality [%]
120
110
100
90
80
70
60
EC10 = 0.35 mM
0
0.1
1
10
Concentration [mM]

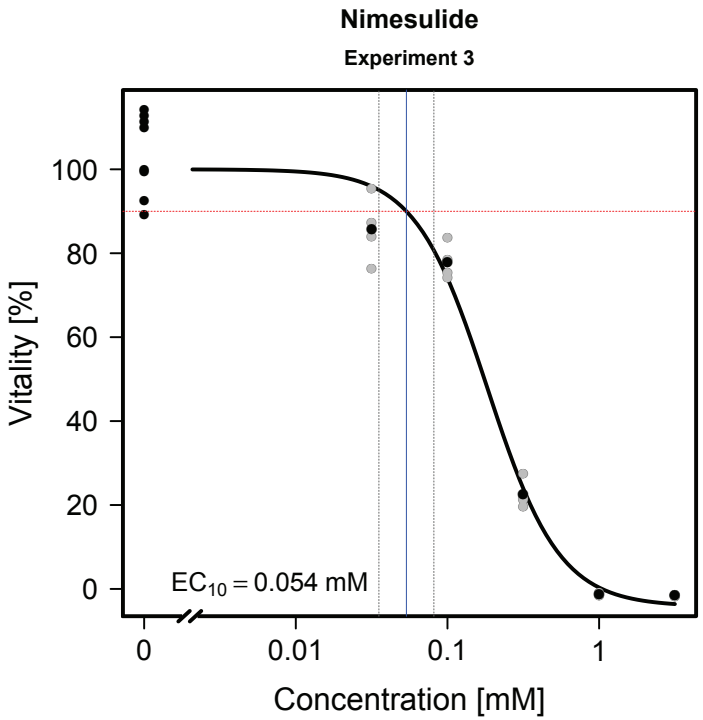

Nitrofurantoin
Experiment 1
Vitality [%]
100
80
60
40
20
0
EC10 = 0.017 mM
0
0.01
0.1
1
Concentration [mM]

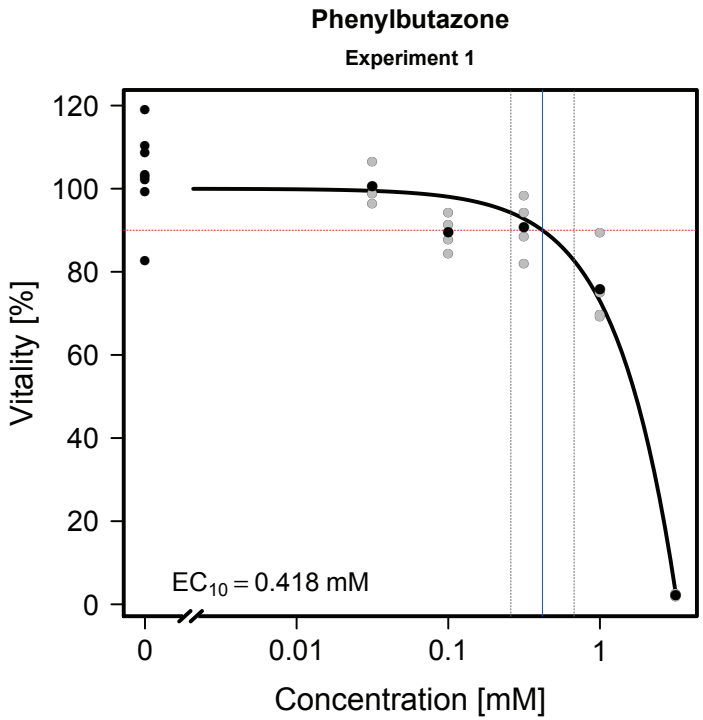

Nitrofurantoin
Experiment 2
Vitality [%]
100
80
60
40
20
0
EC10 = 0.013 mM
0
0.01
0.1
1
Concentration [mM]

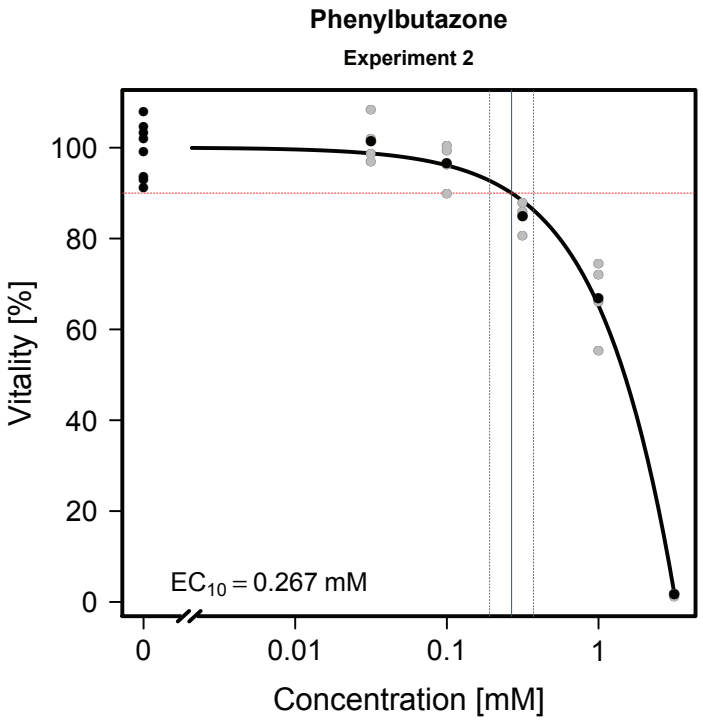

Nitrofurantoin
Experiment 3
Vitality [%]
100
80
60
40
20
0
EC10 = 0.077 mM
0
0.01
0.1
1
Concentration [mM]

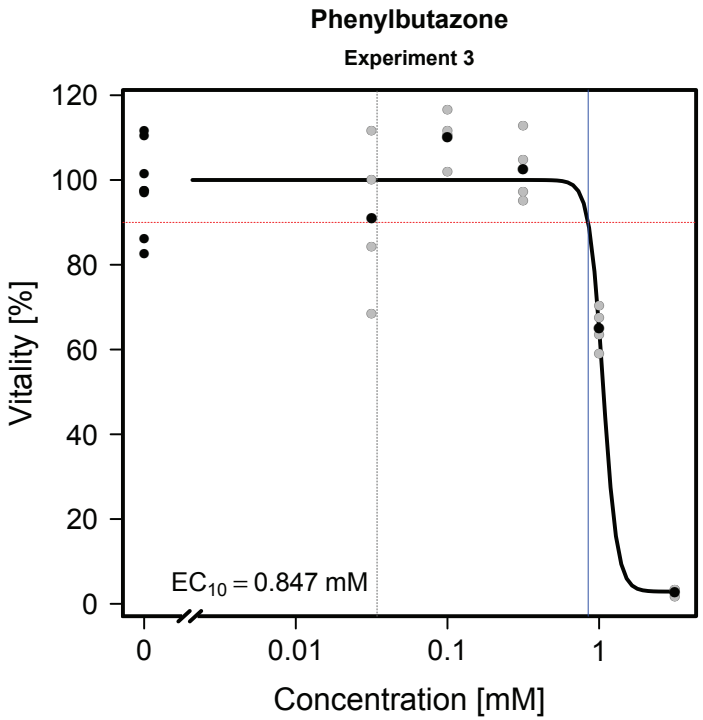

Nimesulide
Experiment 1
Vitality [%]
100
80
60
40
20
0
EC10 = 0.04 mM
0
0.01
0.1
1
Concentration [mM]

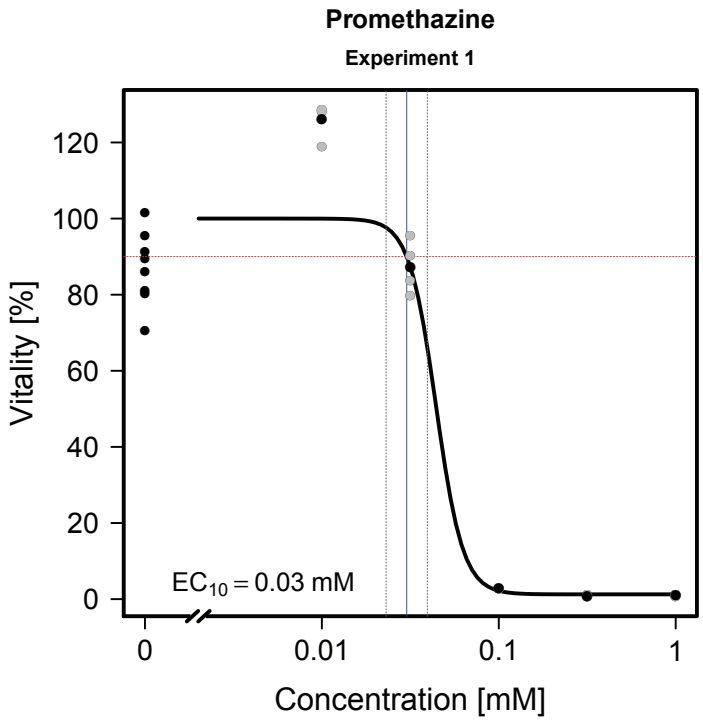

Nimesulide
Experiment 2
Vitality [%]
150
100
50
0
EC10 = 0.083 mM
0
0.01
0.1
1
Concentration [mM]

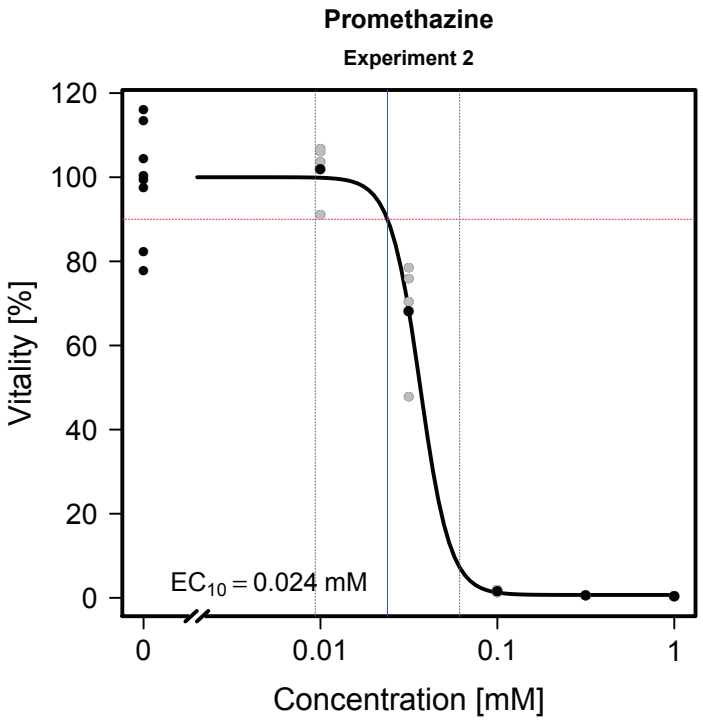

Nimesulide
Experiment 3
Vitality [%]
100
80
60
40
20
0
EC10 = 0.054 mM
0
0.01
0.1
1
Concentration [mM]

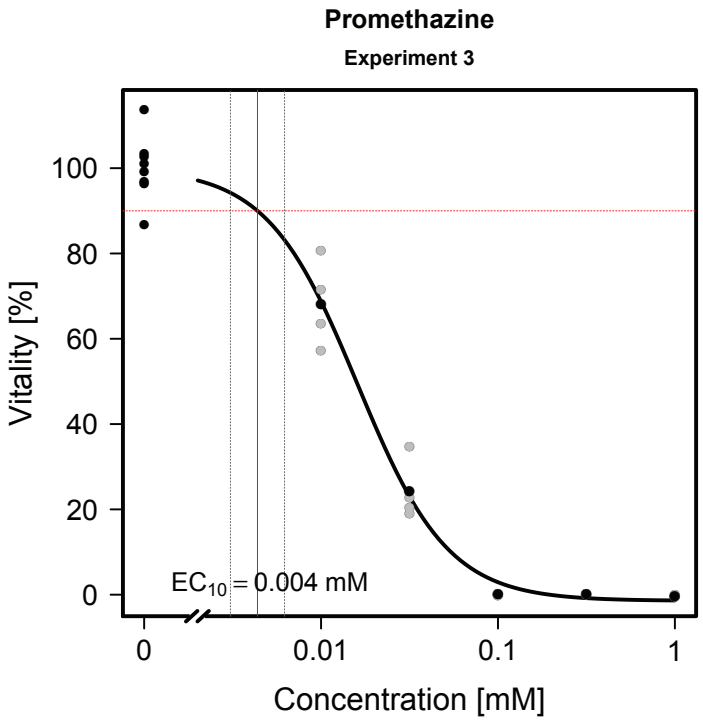

Phenylbutazone
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.418 mM
0
20
40
60
80
100
120
0
0.01
0.1
1

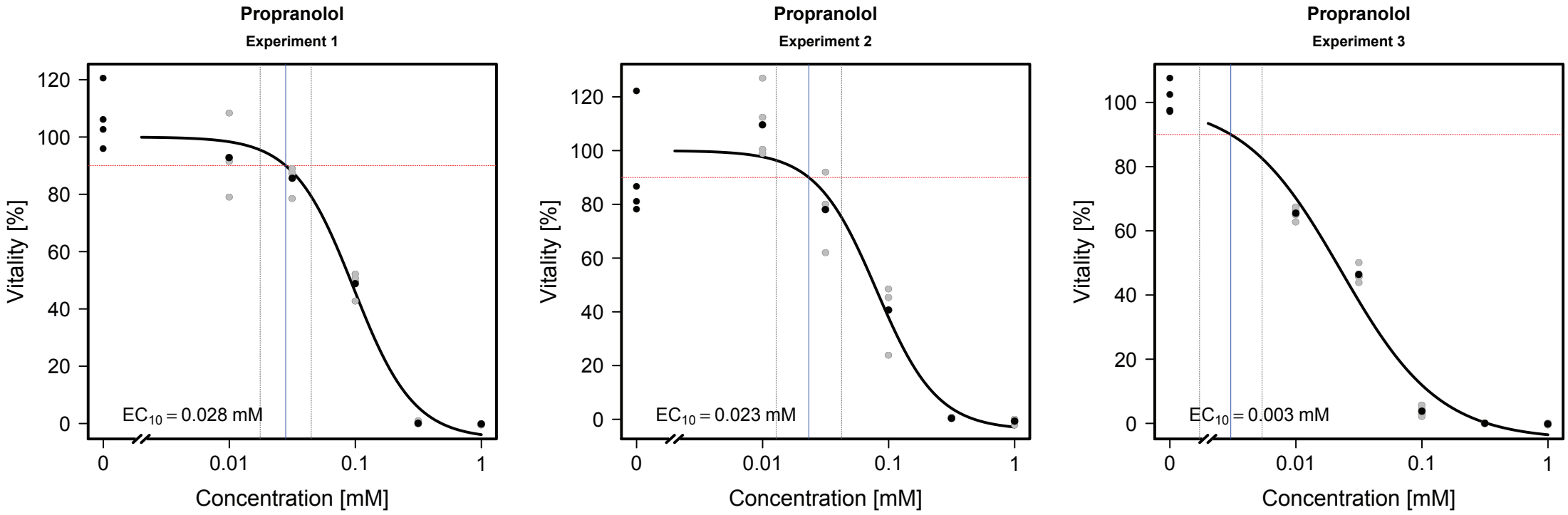

Phenylbutazone
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.267 mM
0
20
40
60
80
100
0
0.01
0.1
1

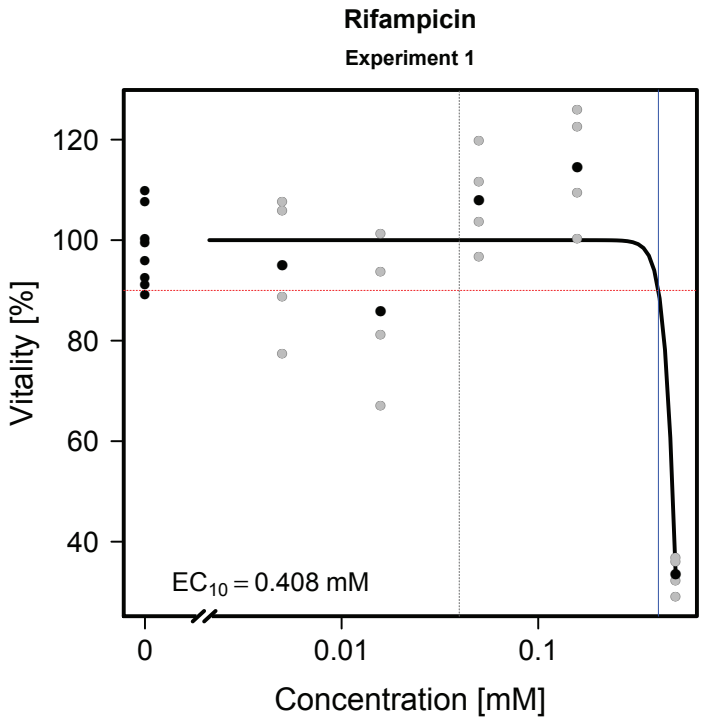

Phenylbutazone
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.847 mM
0
20
40
60
80
100
120
0
0.01
0.1
1

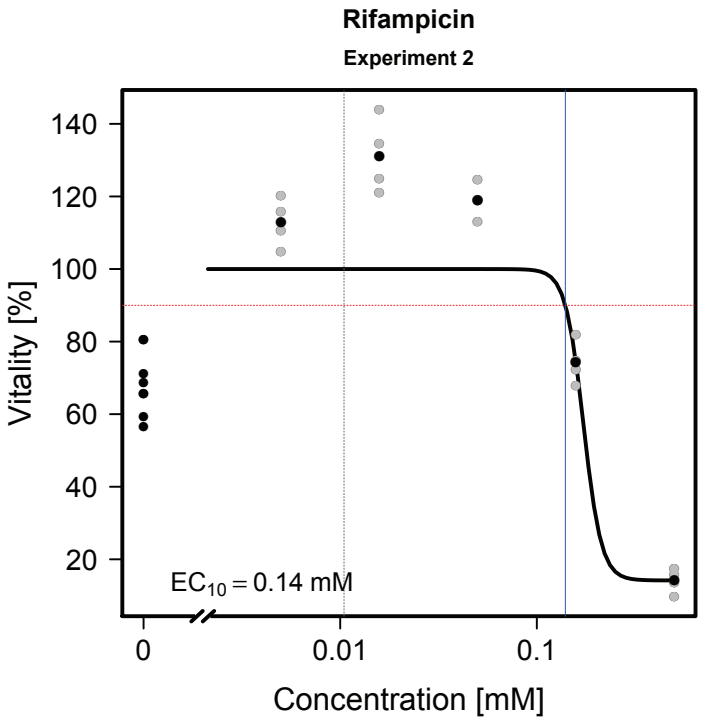

Promethazine
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.03 mM
0
20
40
60
80
100
120
0
0.01
0.1
1

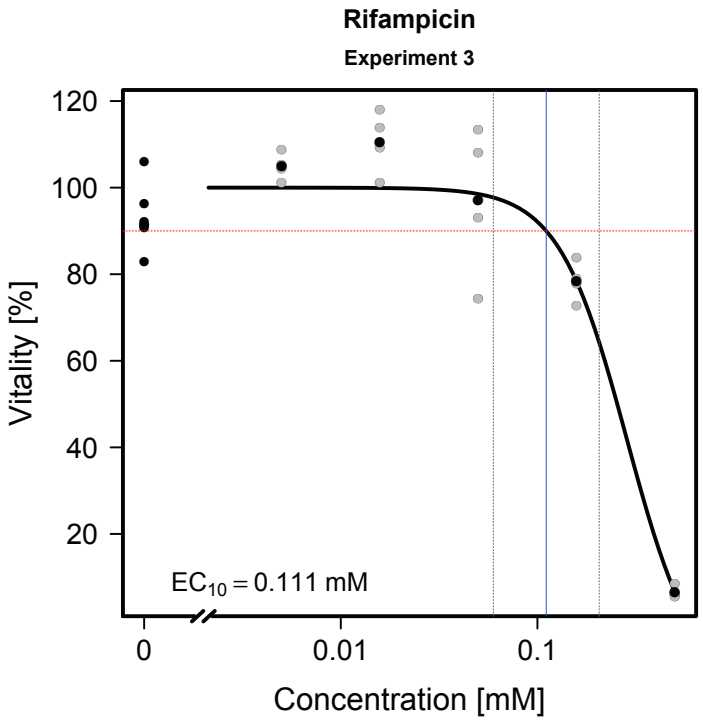

Promethazine
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.024 mM
0
20
40
60
80
100
120
0
0.01
0.1
1

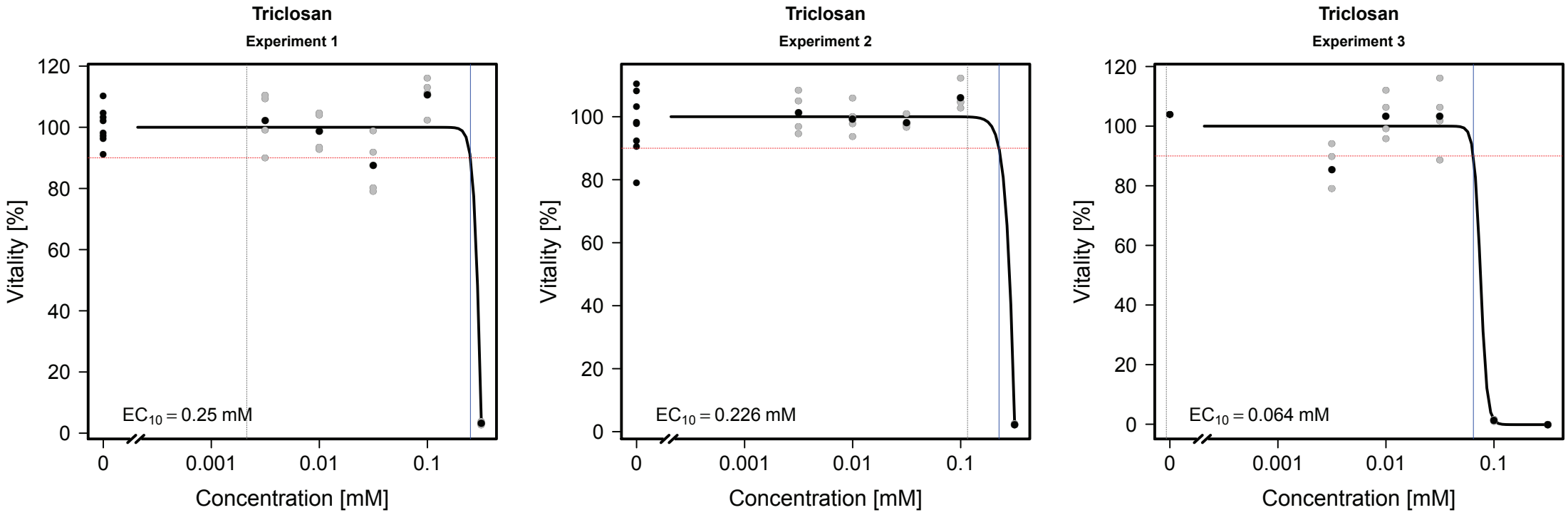

Promethazine
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.004 mM
0
20
40
60
80
100
0
0.01
0.1
1

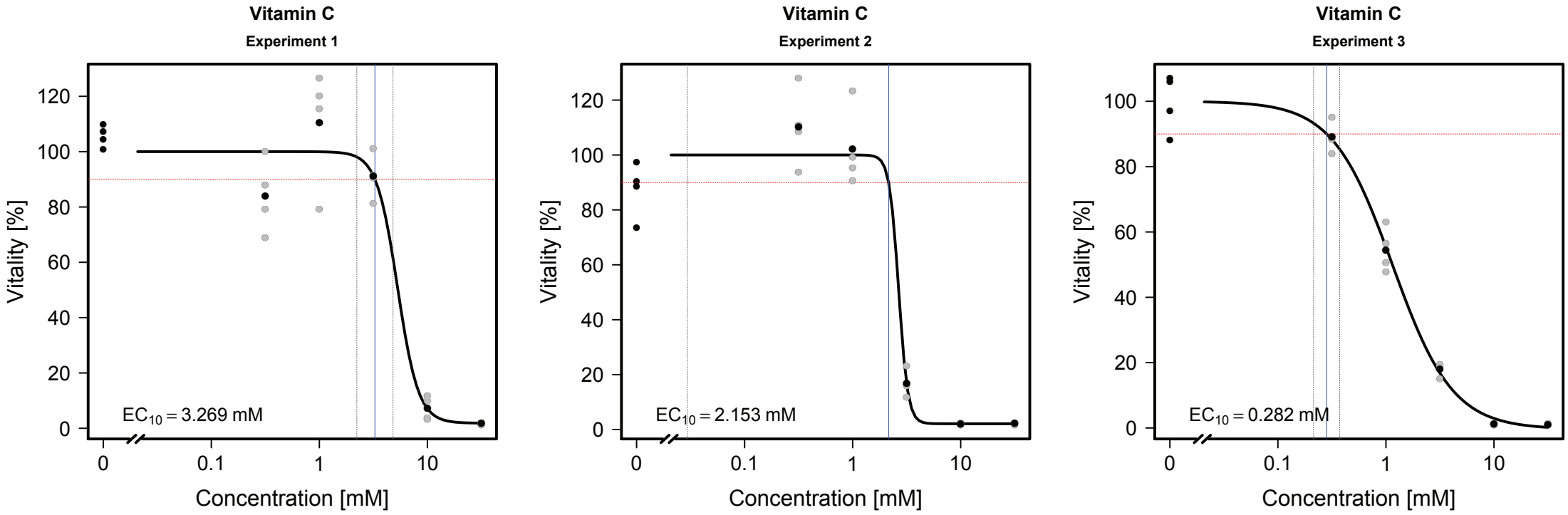

Propranolol
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.028 mM
Propranolol
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.023 mM
Propranolol
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.003 mM

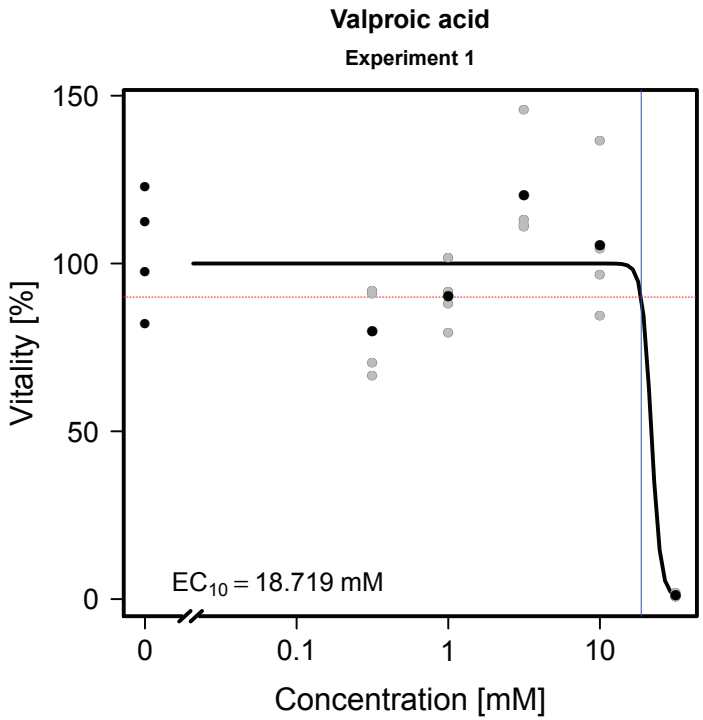

Rifampicin
Experiment 1
Vitality [%]
120
100
80
60
40
EC10 = 0.408 mM
0
0.01
0.1
Concentration [mM]

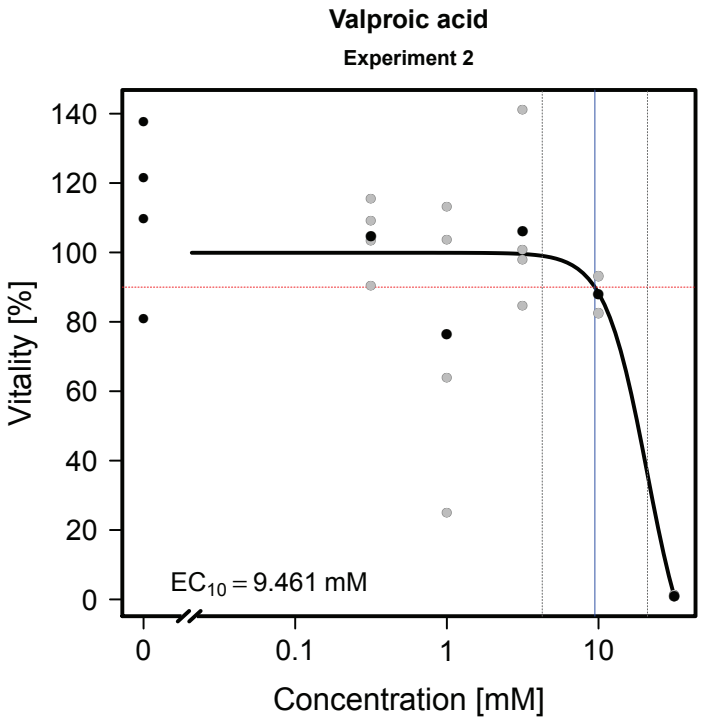

Rifampicin
Experiment 2
Vitality [%]
140
120
100
80
60
40
20
EC10 = 0.14 mM
0
0.01
0.1
Concentration [mM]

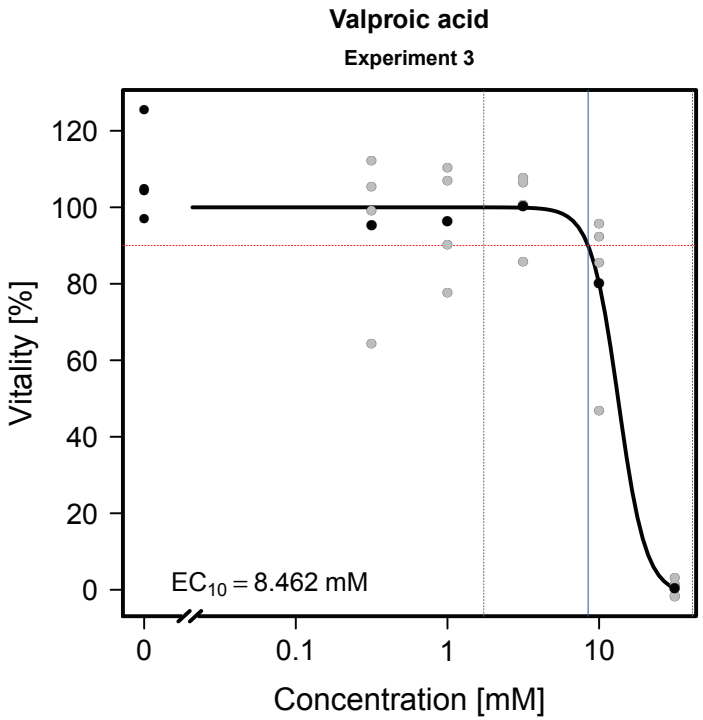

Rifampicin
Experiment 3
Vitality [%]
120
100
80
60
40
20
EC10 = 0.111 mM
0
0.01
0.1
Concentration [mM]

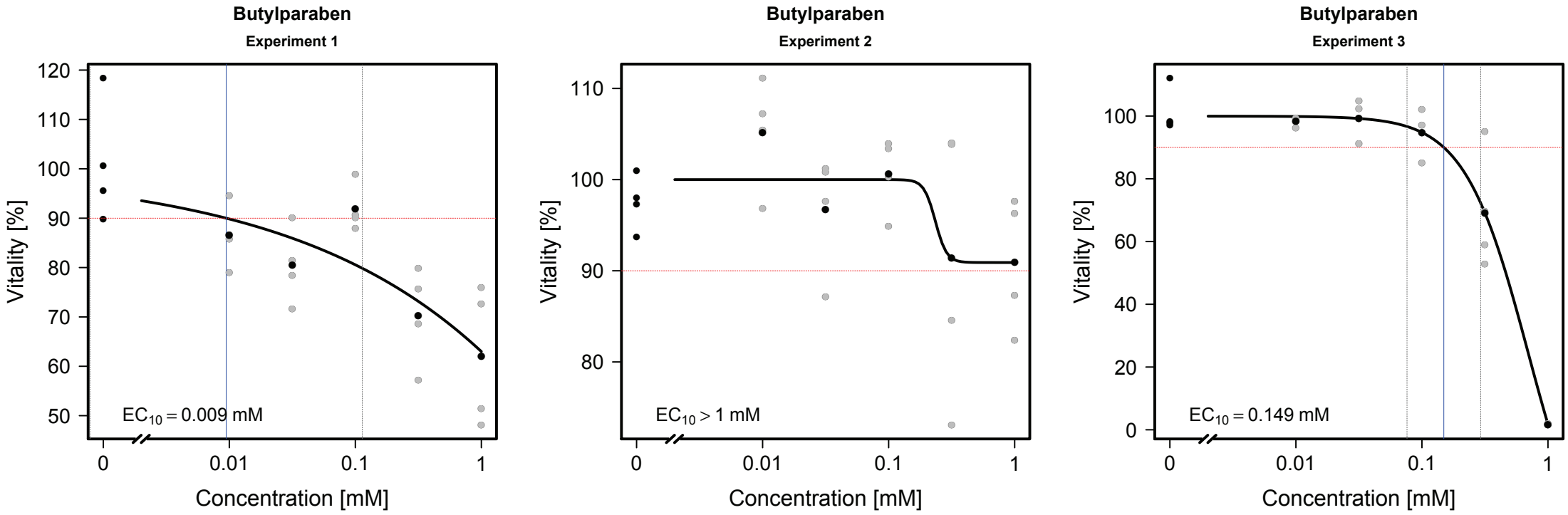

Triclosan
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.25 mM
Triclosan
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.226 mM
Triclosan
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.064 mM

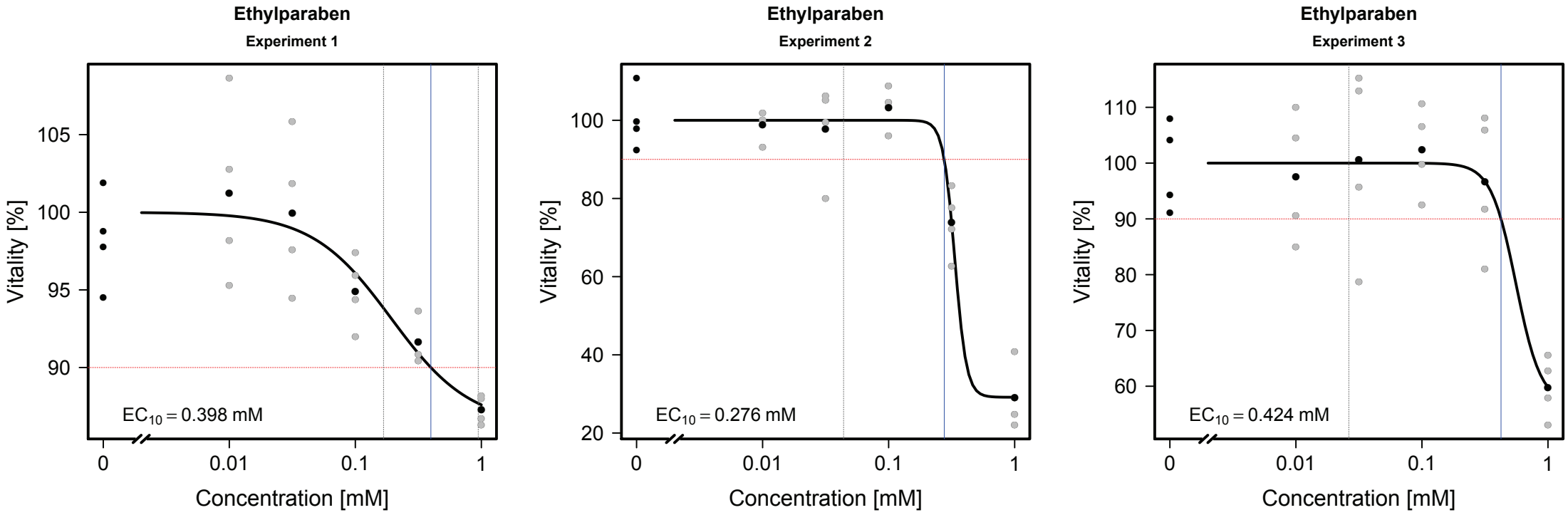

Vitamin C
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 3.269 mM
Vitamin C
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 2.153 mM
Vitamin C
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.282 mM

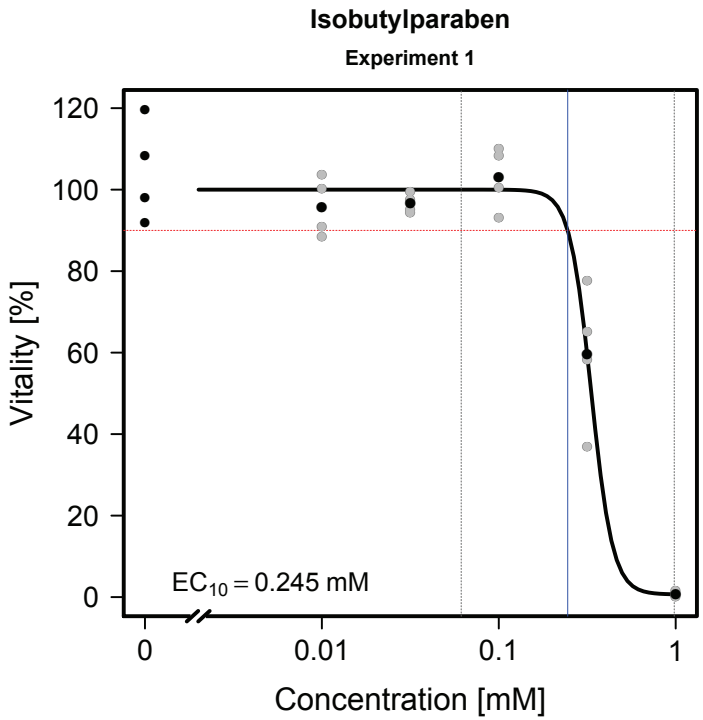

Valproic acid
Experiment 1
Vitality [%]
150
100
50
0
EC10 = 18.719 mM
0
0.1
1
10
Concentration [mM]

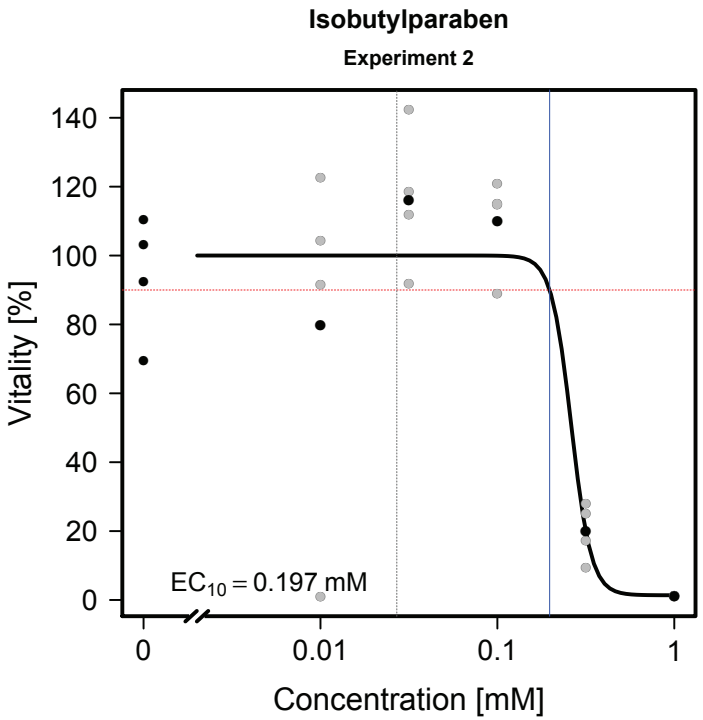

Valproic acid
Experiment 2
Vitality [%]
140
120
100
80
60
40
20
0
EC10 = 9.461 mM
0
0.1
1
10
Concentration [mM]

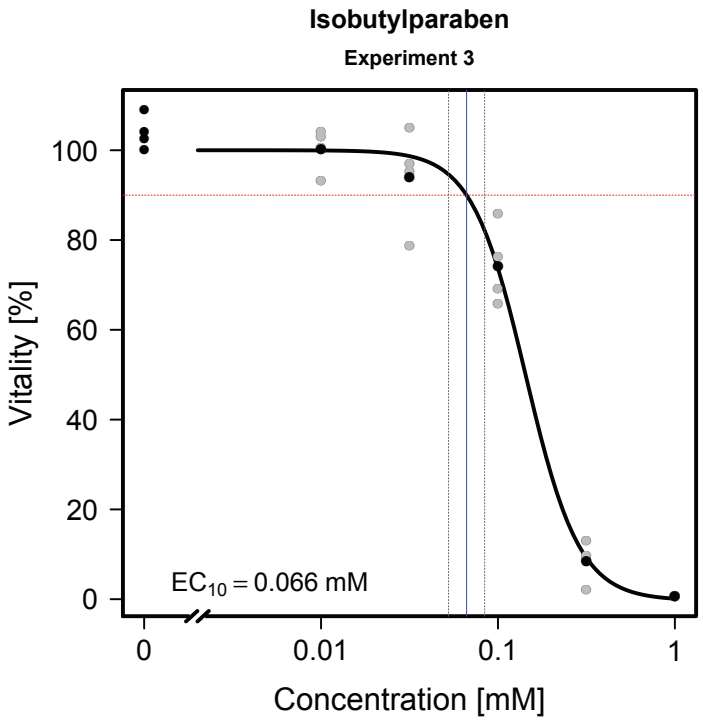

Valproic acid
Experiment 3
Vitality [%]
120
100
80
60
40
20
0
EC10 = 8.462 mM
0
0.1
1
10
Concentration [mM]

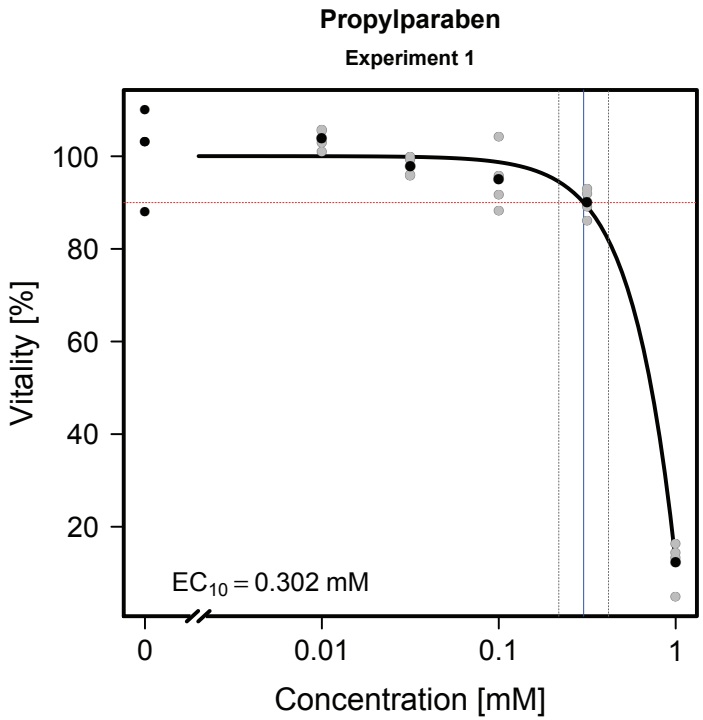

Butylparaben
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.009 mM
Butylparaben
Experiment 2
Vitality [%]
Concentration [mM]
EC10 > 1 mM
Butylparaben
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.149 mM

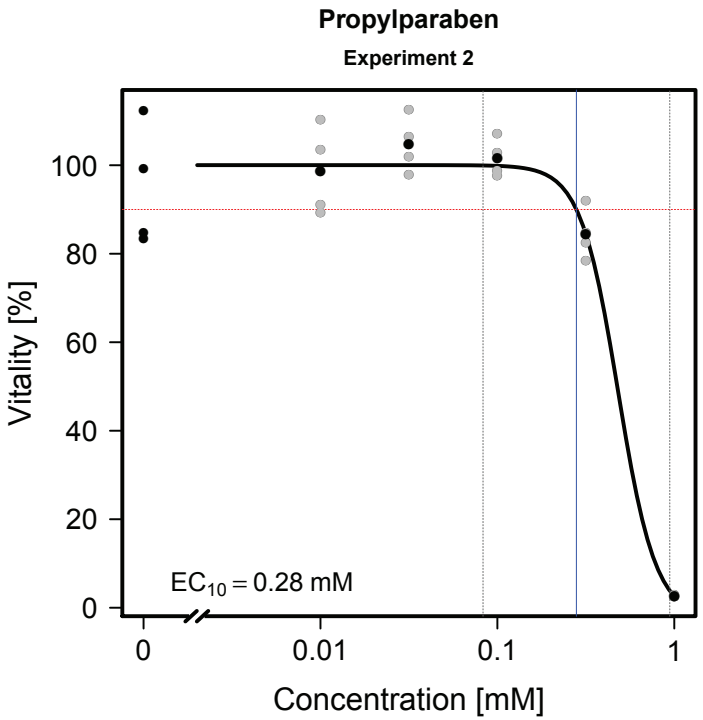

Ethylparaben
Experiment 1
Vitality [%]
105
100
95
90
EC10 = 0.398 mM
0
0.01
0.1
1
Concentration [mM]
Ethylparaben
Experiment 2
Vitality [%]
100
80
60
40
20
EC10 = 0.276 mM
0
0.01
0.1
1
Concentration [mM]
Ethylparaben
Experiment 3
Vitality [%]
110
100
90
80
70
60
EC10 = 0.424 mM
0
0.01
0.1
1
Concentration [mM]

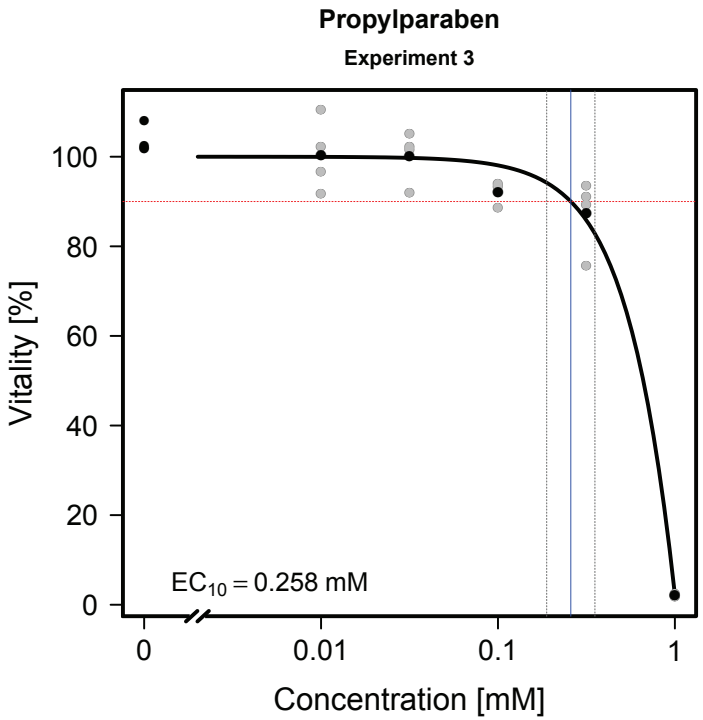

Isobutylparaben
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.245 mM
0
20
40
60
80
100
120
0
0.01
0.1
1

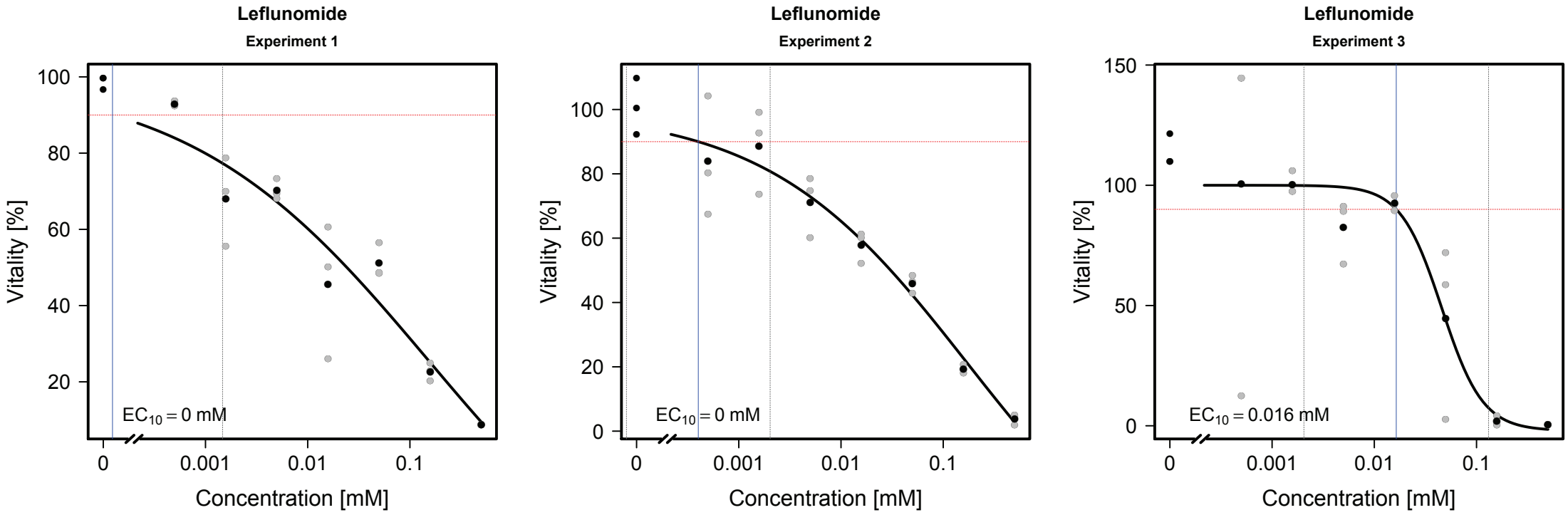

Isobutylparaben
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.197 mM
0
20
40
60
80
100
120
140
0
0.01
0.1
1

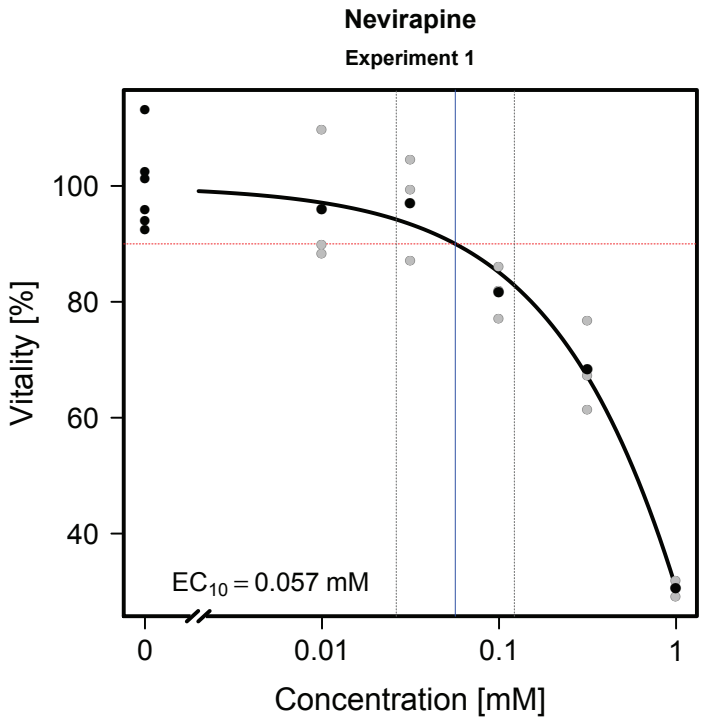

Isobutylparaben
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.066 mM
0
20
40
60
80
100
0
0.01
0.1
1

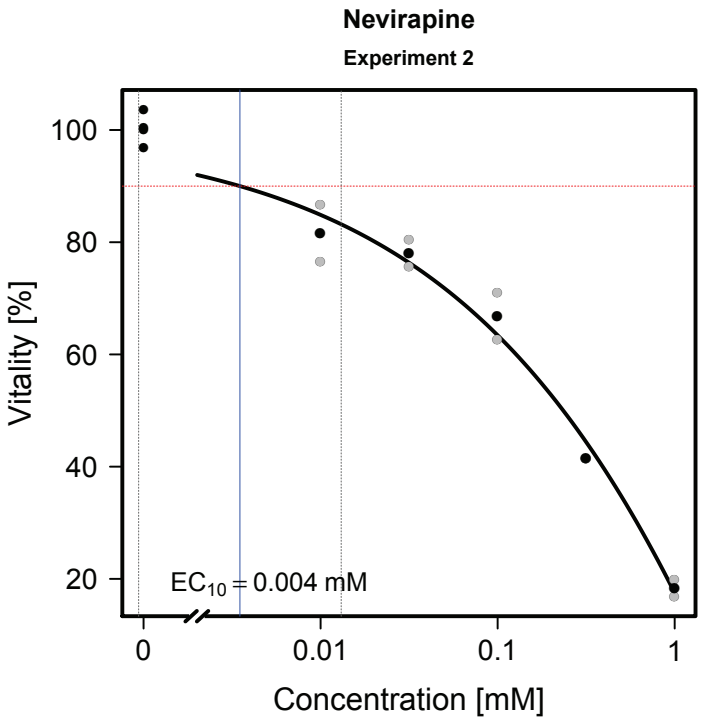

Propylparaben
Experiment 1
Vitality [%]
100
80
60
40
20
EC10 = 0.302 mM
0
0.01
0.1
1
Concentration [mM]

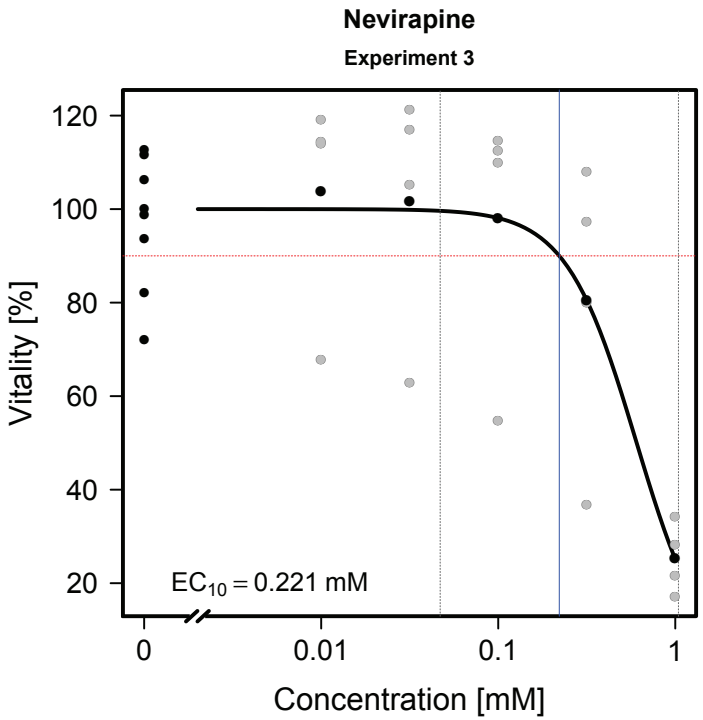

Propylparaben
Experiment 2
Vitality [%]
100
80
60
40
20
0
EC10 = 0.28 mM
0
0.01
0.1
1
Concentration [mM]

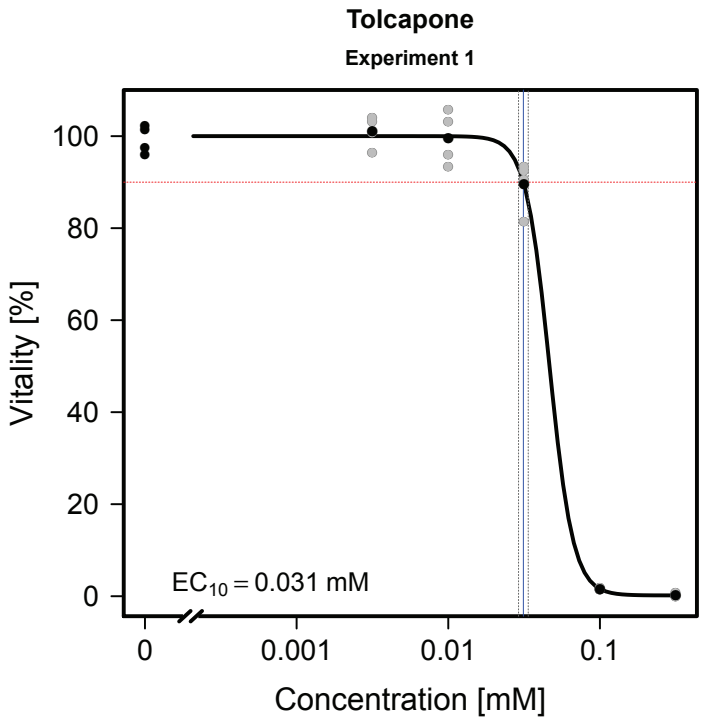

Propylparaben
Experiment 3
Vitality [%]
100
80
60
40
20
0
EC10 = 0.258 mM
0
0.01
0.1
1
Concentration [mM]

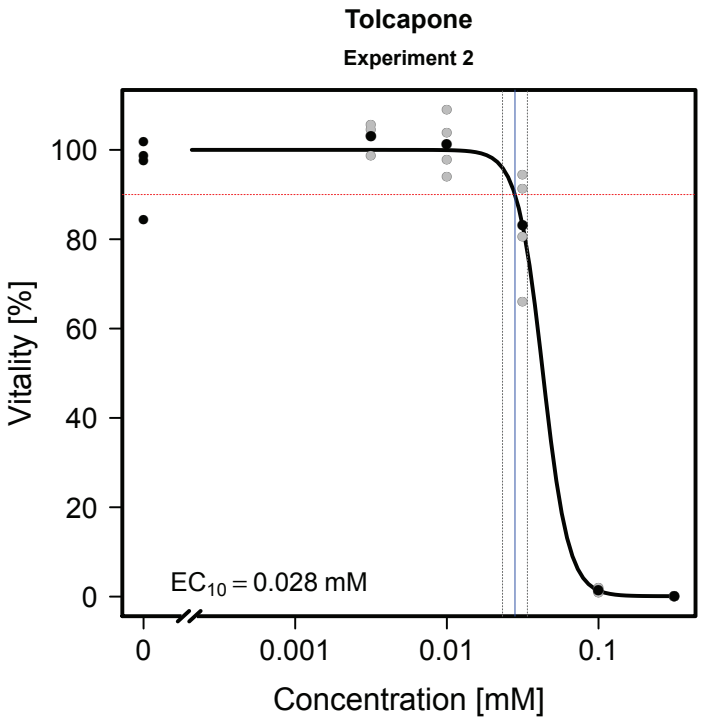

Leflunomide
Experiment 1
Vitality [%]
100
80
60
40
20
EC10 = 0 mM
0
0.001
0.01
0.1
Concentration [mM]
Leflunomide
Experiment 2
Vitality [%]
100
80
60
40
20
0
EC10 = 0 mM
0
0.001
0.01
0.1
Concentration [mM]
Leflunomide
Experiment 3
Vitality [%]
150
100
50
0
EC10 = 0.016 mM
0
0.001
0.01
0.1
Concentration [mM]

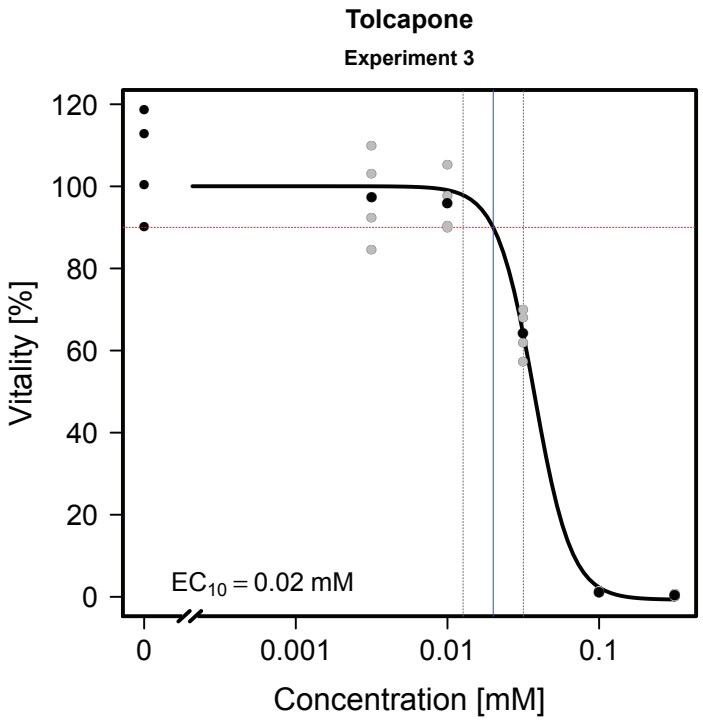

Nevirapine
Experiment 1
Vitality [%]
100
80
60
40
EC10 = 0.057 mM
0
0.01
0.1
1
Concentration [mM]

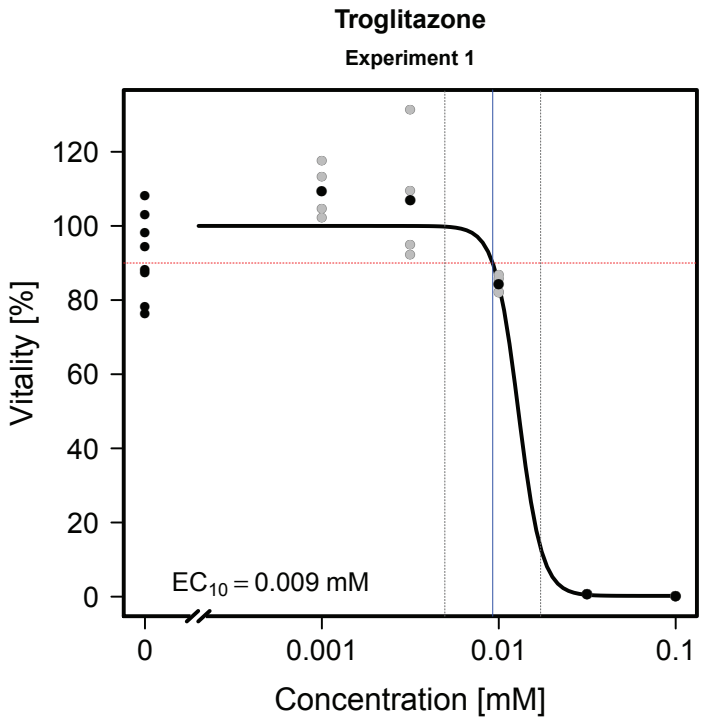

Nevirapine
Experiment 2
Vitality [%]
100
80
60
40
20
EC10 = 0.004 mM
0
0.01
0.1
1
Concentration [mM]

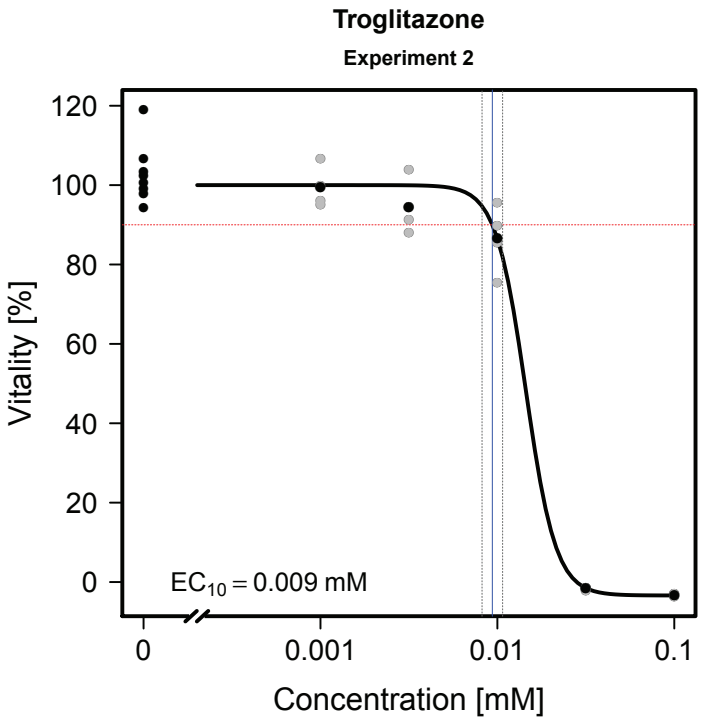

Nevirapine
Experiment 3
Vitality [%]
120
100
80
60
40
20
EC10 = 0.221 mM
0
0.01
0.1
1
Concentration [mM]

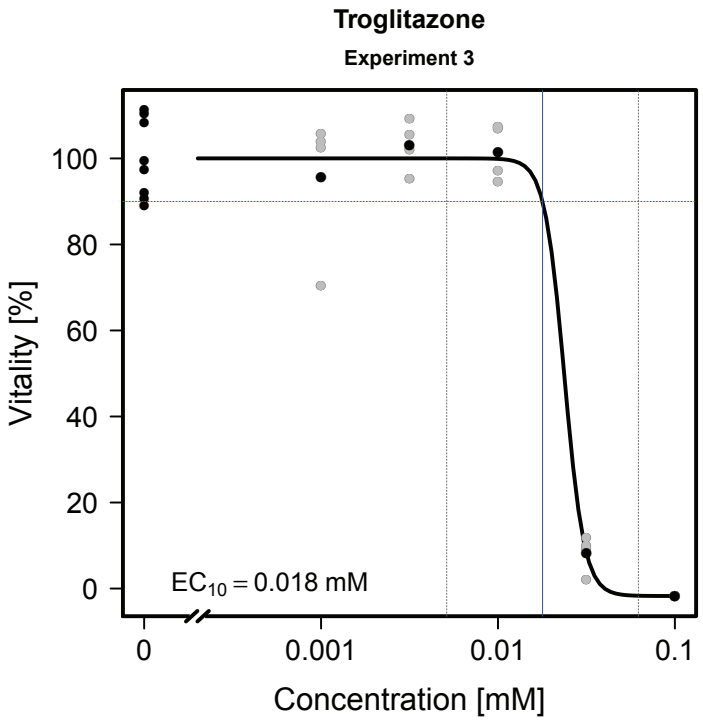

Tolcapone
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.031 mM
0
20
40
60
80
100
0
0.001
0.01
0.1

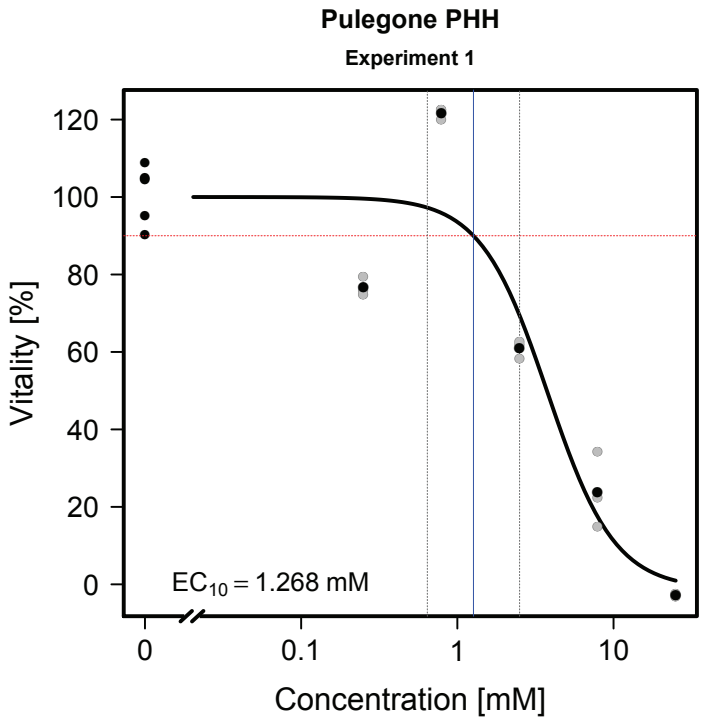

Tolcapone
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.028 mM
0
20
40
60
80
100
0
0.001
0.01
0.1

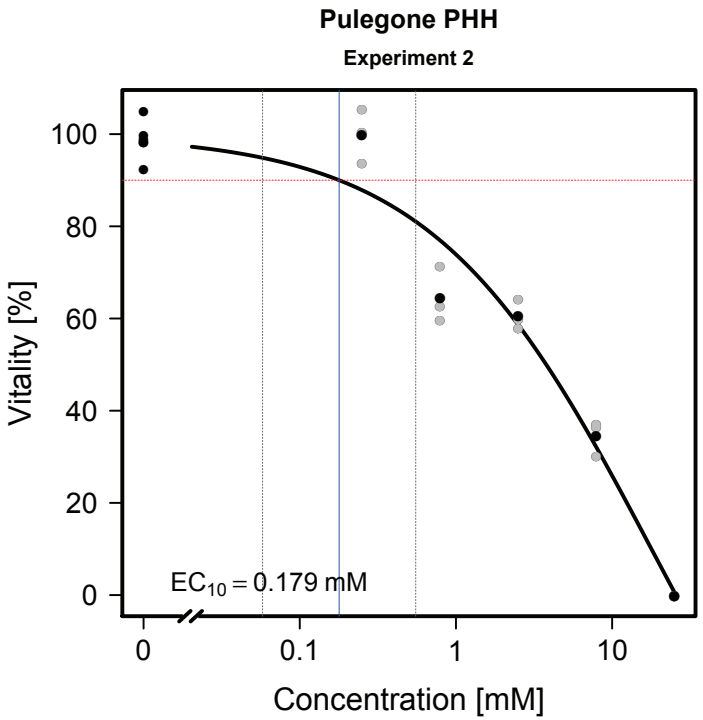

Tolcapone
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.02 mM
0
20
40
60
80
100
120
0
0.001
0.01
0.1

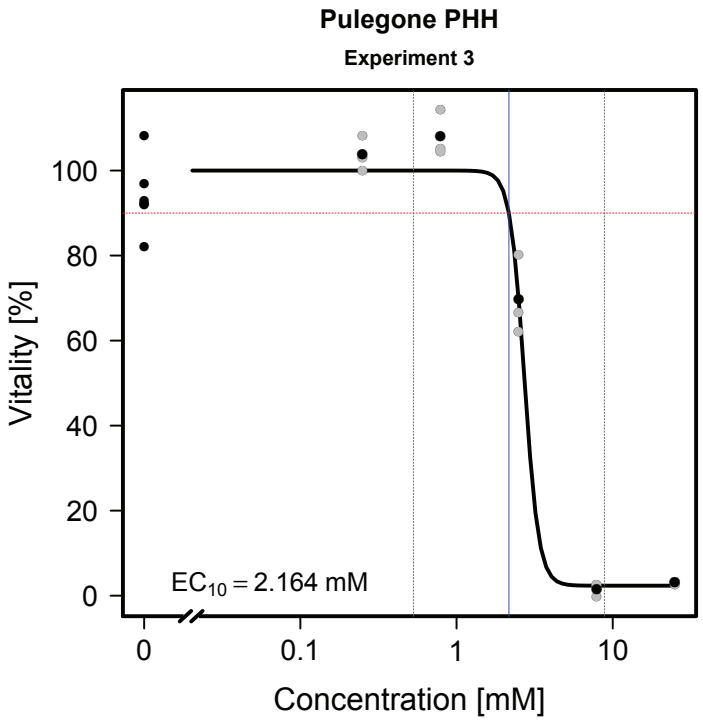

Troglitazone
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 0.009 mM
0
0.001
0.01
0.1
0
20
40
60
80
100
120


Troglitazone
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.009 mM
0
0.001
0.01
0.1
0
20
40
60
80
100
120


Troglitazone
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 0.018 mM
0
0.001
0.01
0.1
0
20
40
60
80
100


Pulegone PHH
Experiment 1
Vitality [%]
Concentration [mM]
EC10 = 1.268 mM
0
20
40
60
80
100
120
0
0.1
1
10


Pulegone PHH
Experiment 2
Vitality [%]
Concentration [mM]
EC10 = 0.179 mM
0
20
40
60
80
100
0
0.1
1
10


Pulegone PHH
Experiment 3
Vitality [%]
Concentration [mM]
EC10 = 2.164 mM
0
20
40
60
80
100
0
0.1
1
10