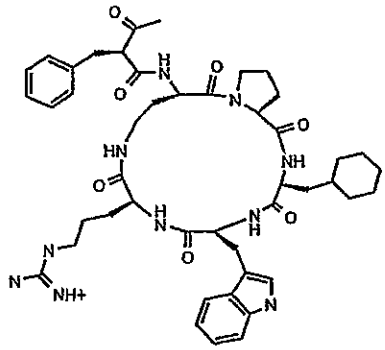
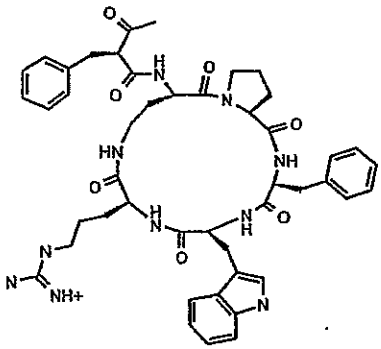
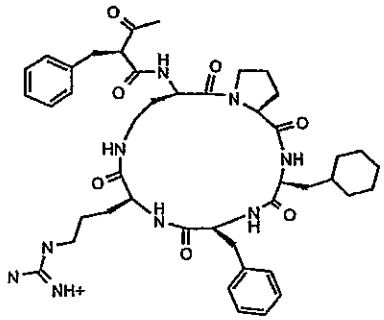
Figure 1



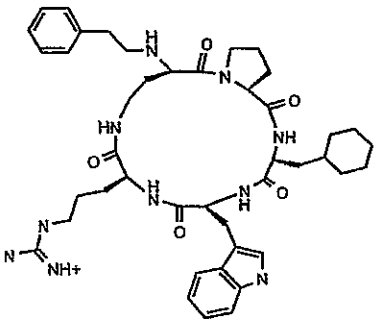
(PMX53)



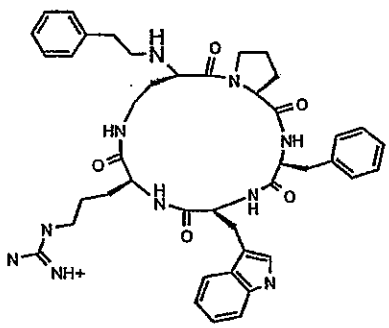
(PMX273)



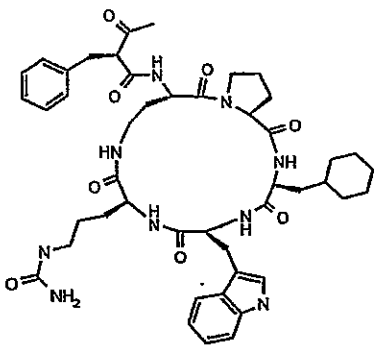
(PMX95)



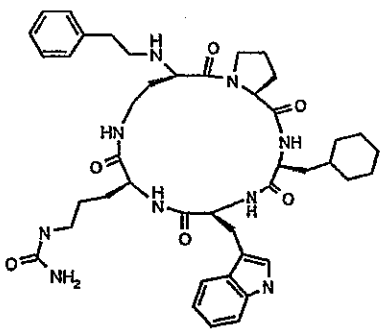
(PMX205)



(PMX218)



(PMX201)



(PMX200)

Figure 2A: Body weight change over study.

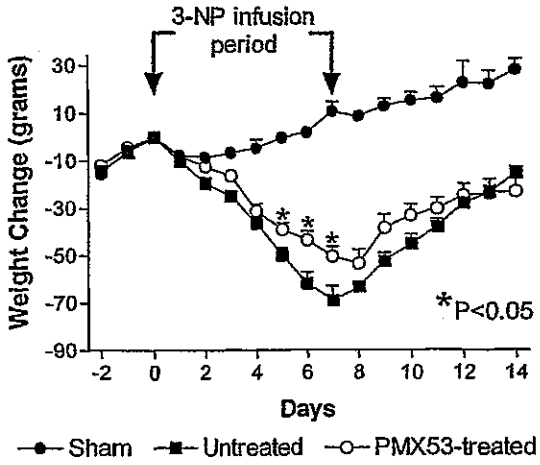


Figure 2B: Food intake over study.

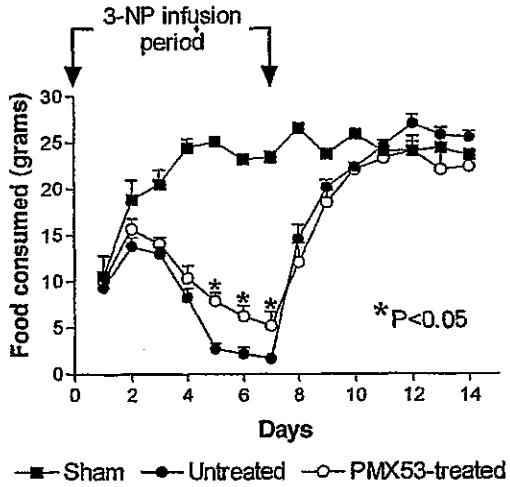


Figure 2C: Neurological/behavioural score over study.

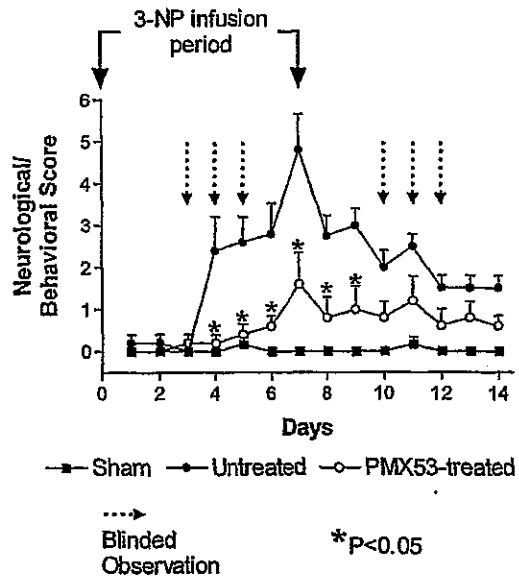
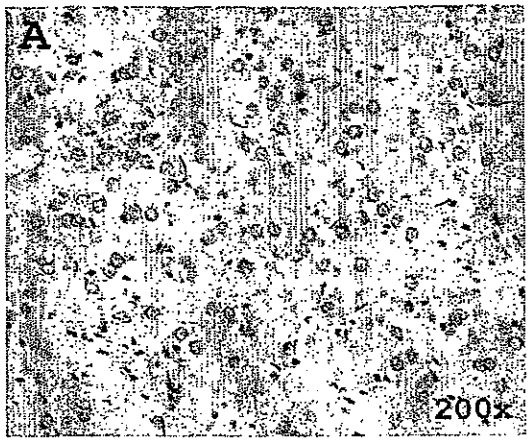
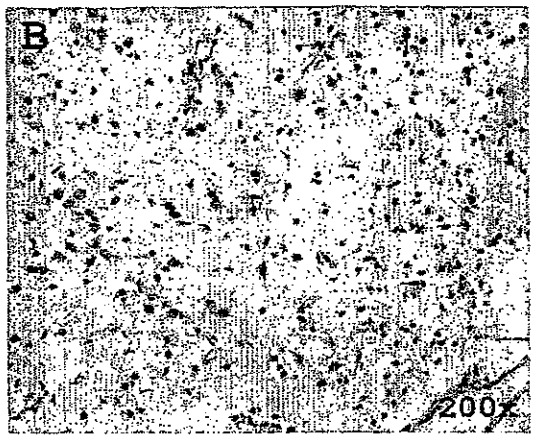


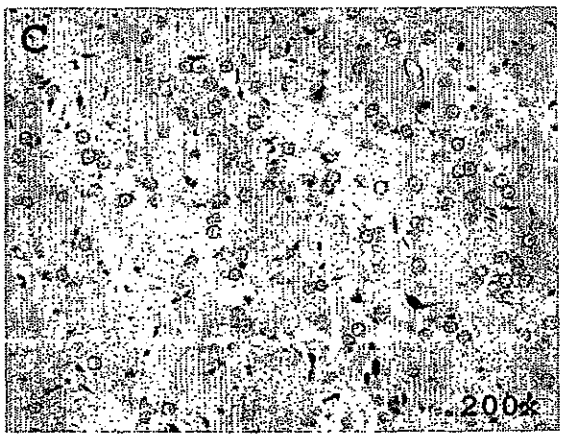
Figure 2D: Representative histological striatal sections of A) sham-operated rat, B) untreated rat, and C) PMX53-treated rat.



Sham (Day 14)
No cell loss



Untreated (Day 14)
Cell necrosis



PMX53-treated (Day 14)
Mild cell necrosis

Figure 3A: Body weight change after 7 days.

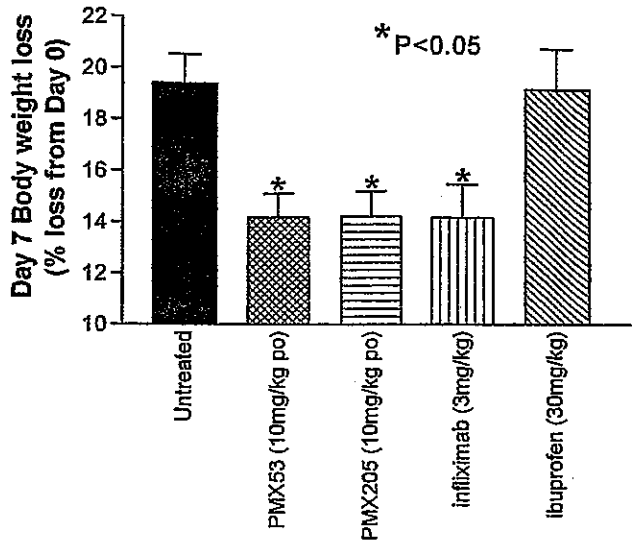


Figure 3B: Food intake after 7 days.

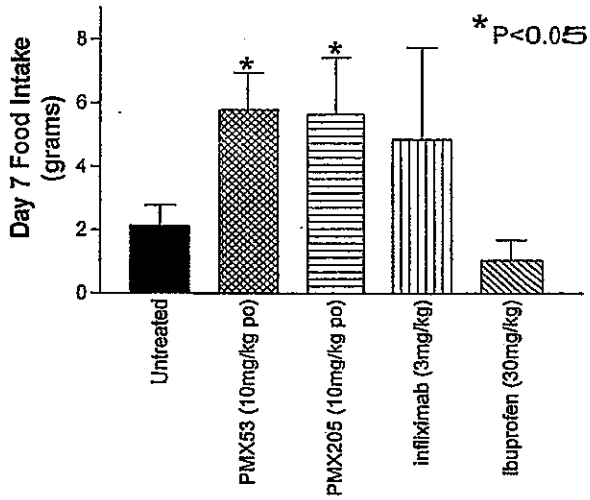


Figure 3C: Neurological/behavioural score over study.

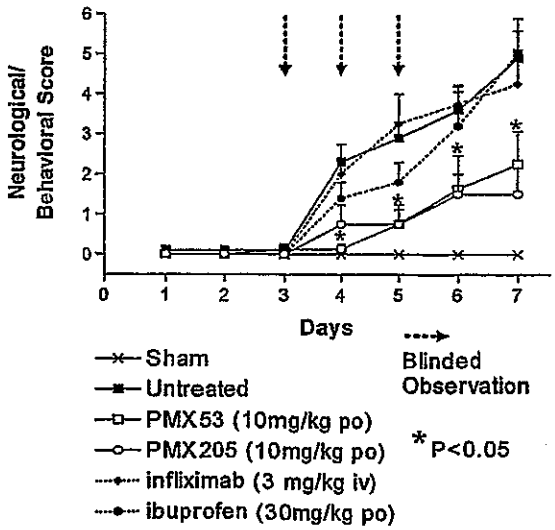
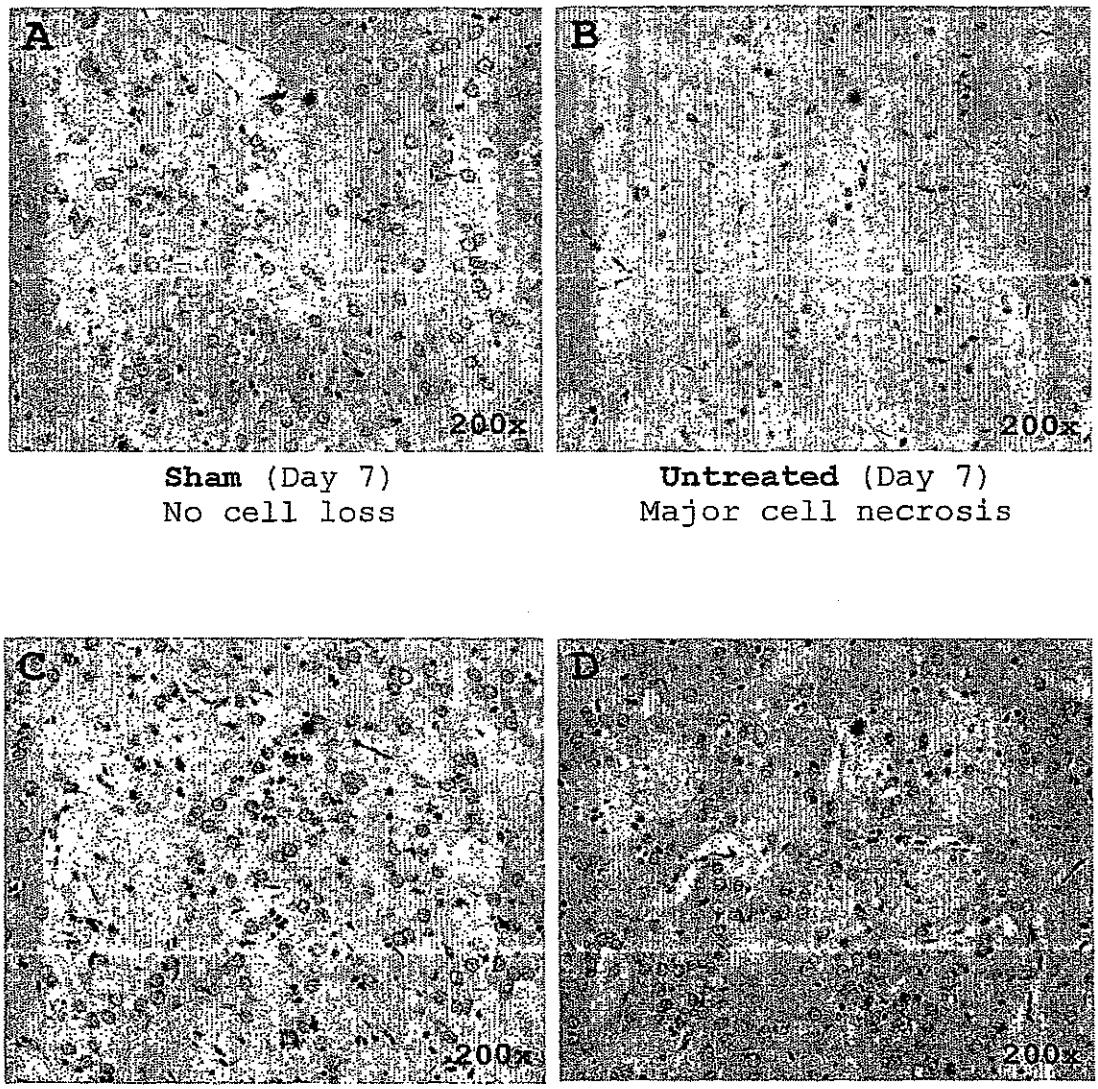


Figure 3D: Representative histological striatal sections of A) sham-operated rat, B) untreated rat, C) PMX53-treated rat and, D) PMX205-treated rat.



Sham (Day 7)
No cell loss

Untreated (Day 7)
Major cell necrosis

PMX53-treated (Day 7)
Minor cell necrosis

PMX205-treated (Day 7)
Minor cell necrosis

Figure 4A: Body weight change after 7 days.

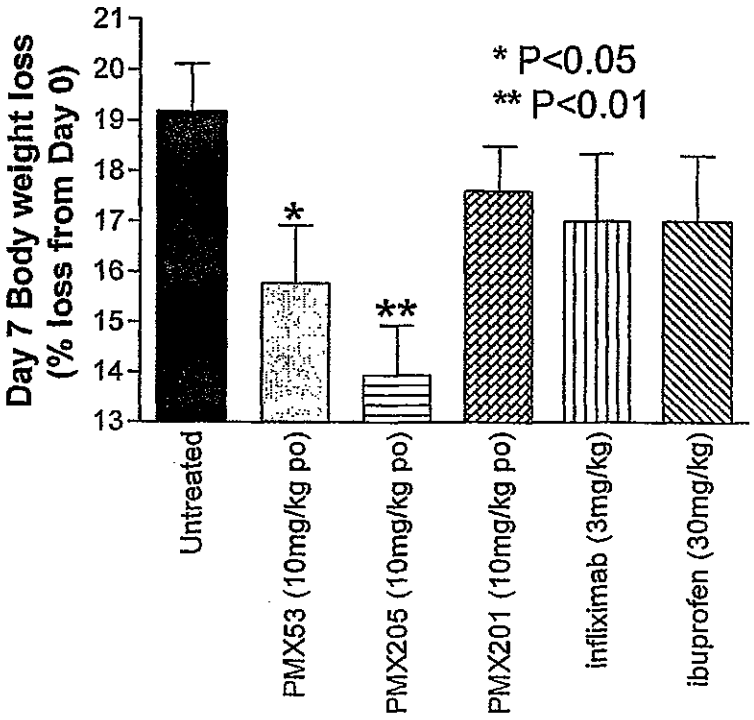


Figure 4B: Food intake after 7 days.

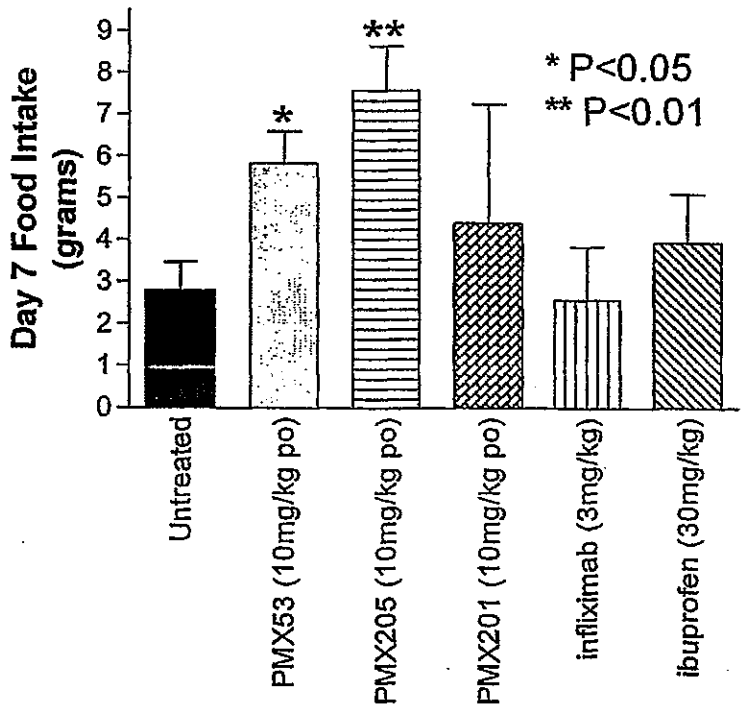


Figure 4C: Neurological/behavioural score after 7 days.

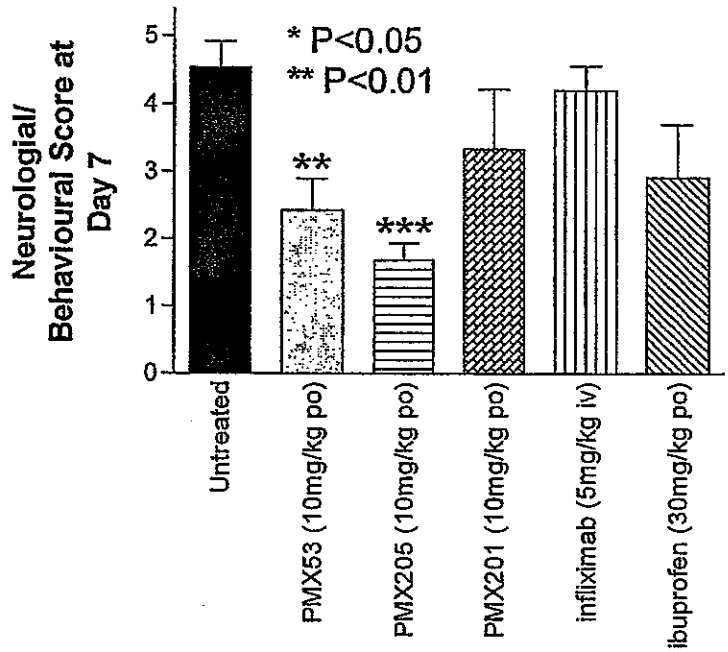


Figure 4D: Striatal lesion size after 7 days.

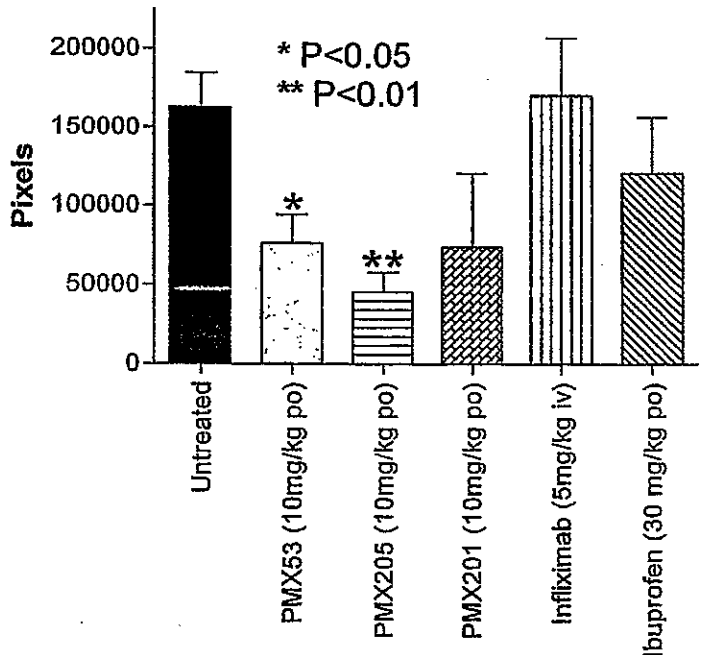
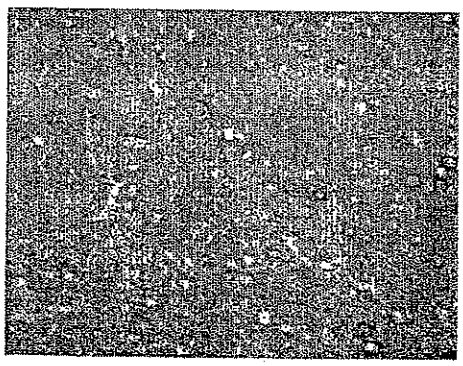


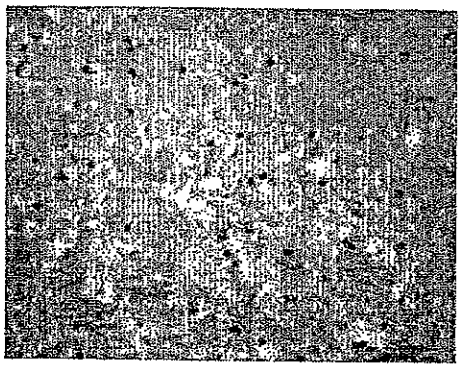
Figure 5a



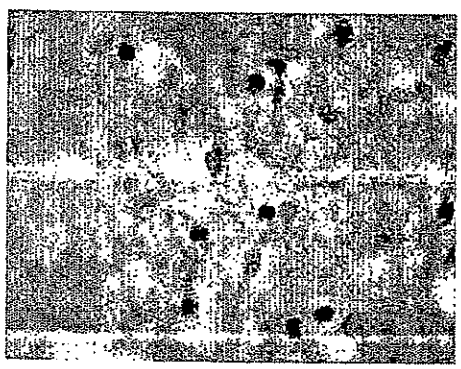
Figure 5b



Sham. 40x



Untreated.



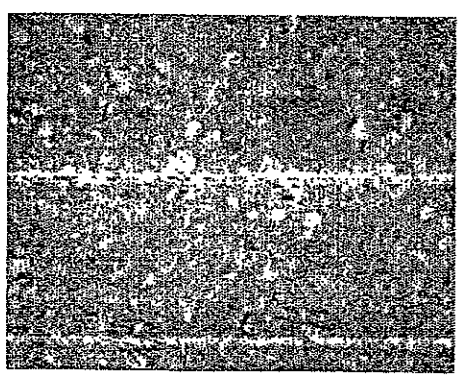
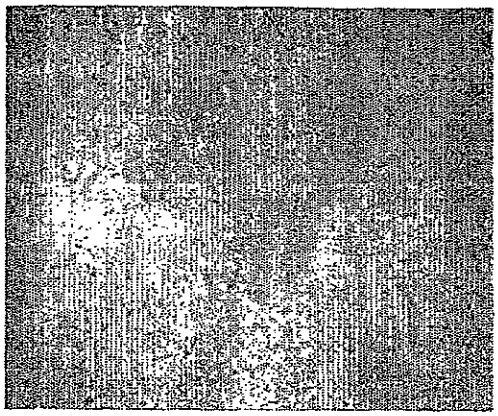
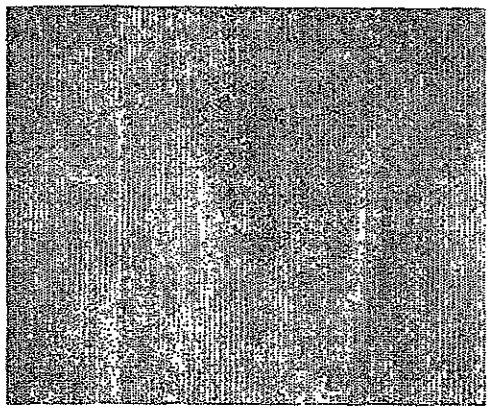


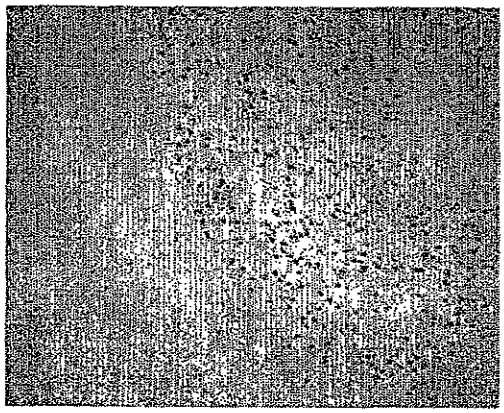
Figure 5c



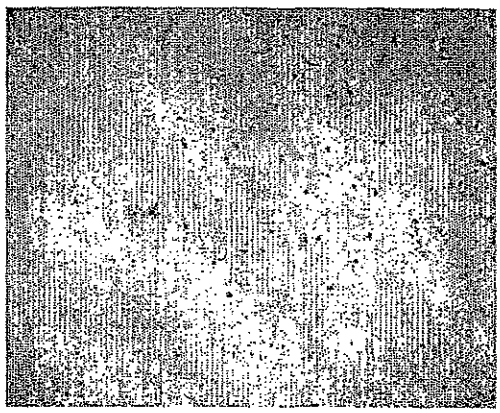
Sham. 40x



Untreated. 20x

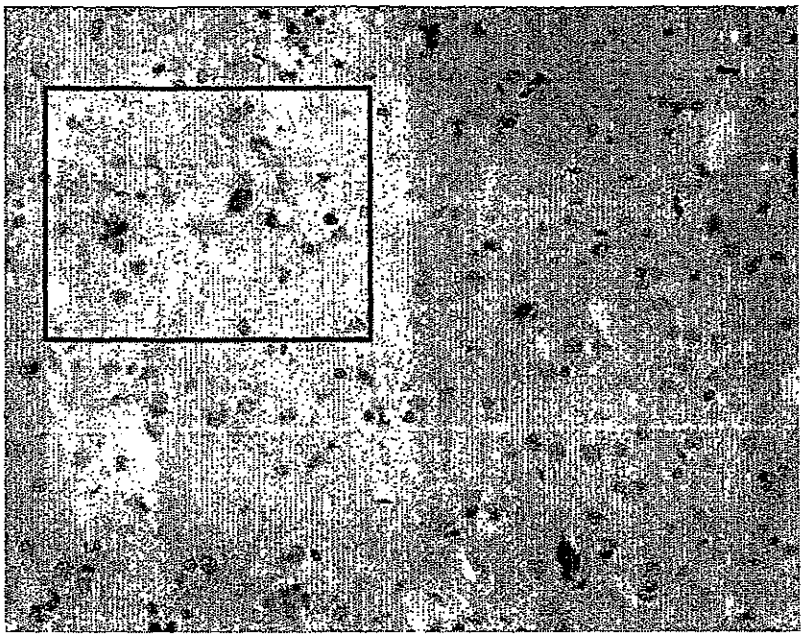


Untreated. 40x



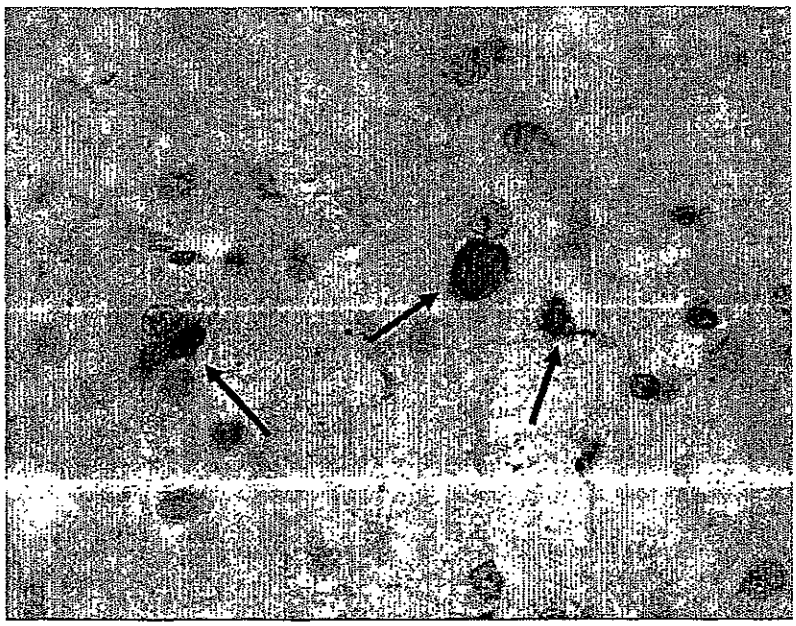
PMX205-treated.

Figure 6a



Untreated. 40x

Figure 6b



Untreated. 200x

Figure 7a

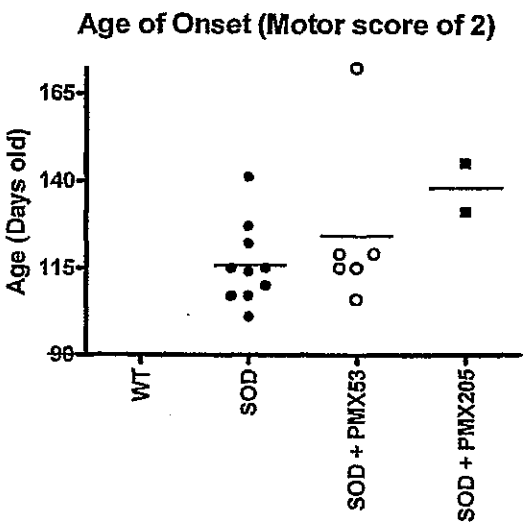


Figure 7b

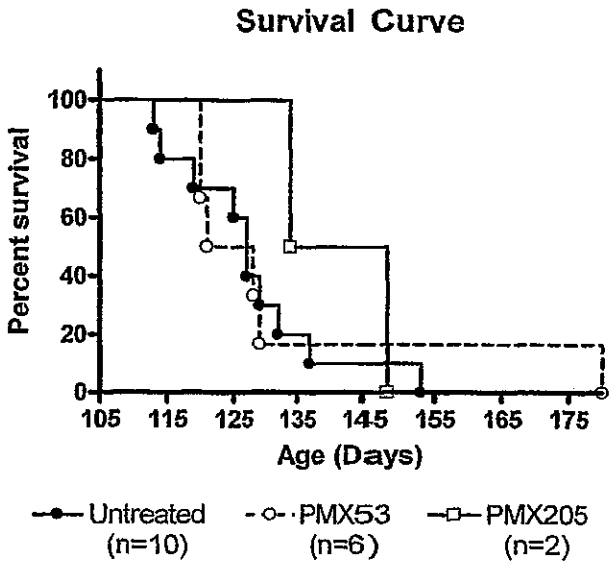


Figure 7c

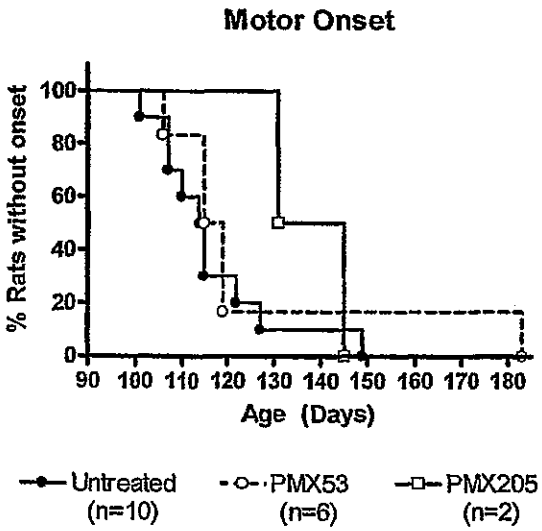


Figure 7d

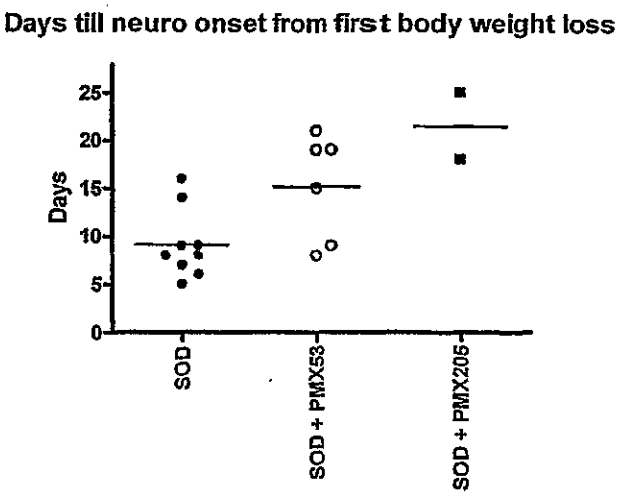
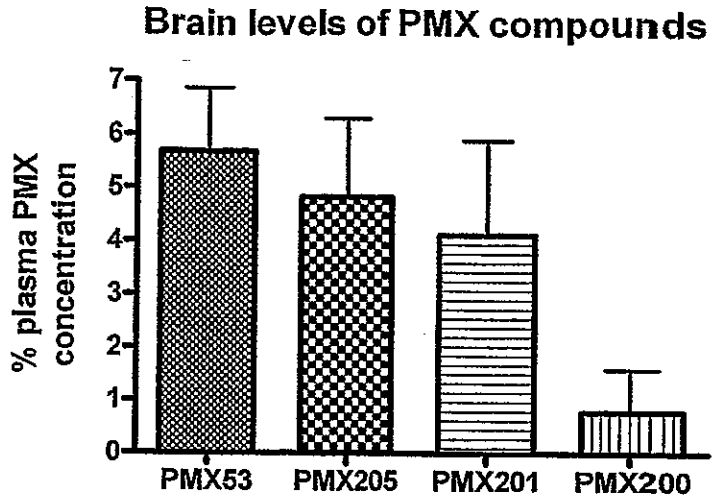


Figure 8


Brain levels of PMX compounds
% plasma PMX concentration
0
1
2
3
4
5
6
7
PMX53
PMX205
PMX201
PMX200