

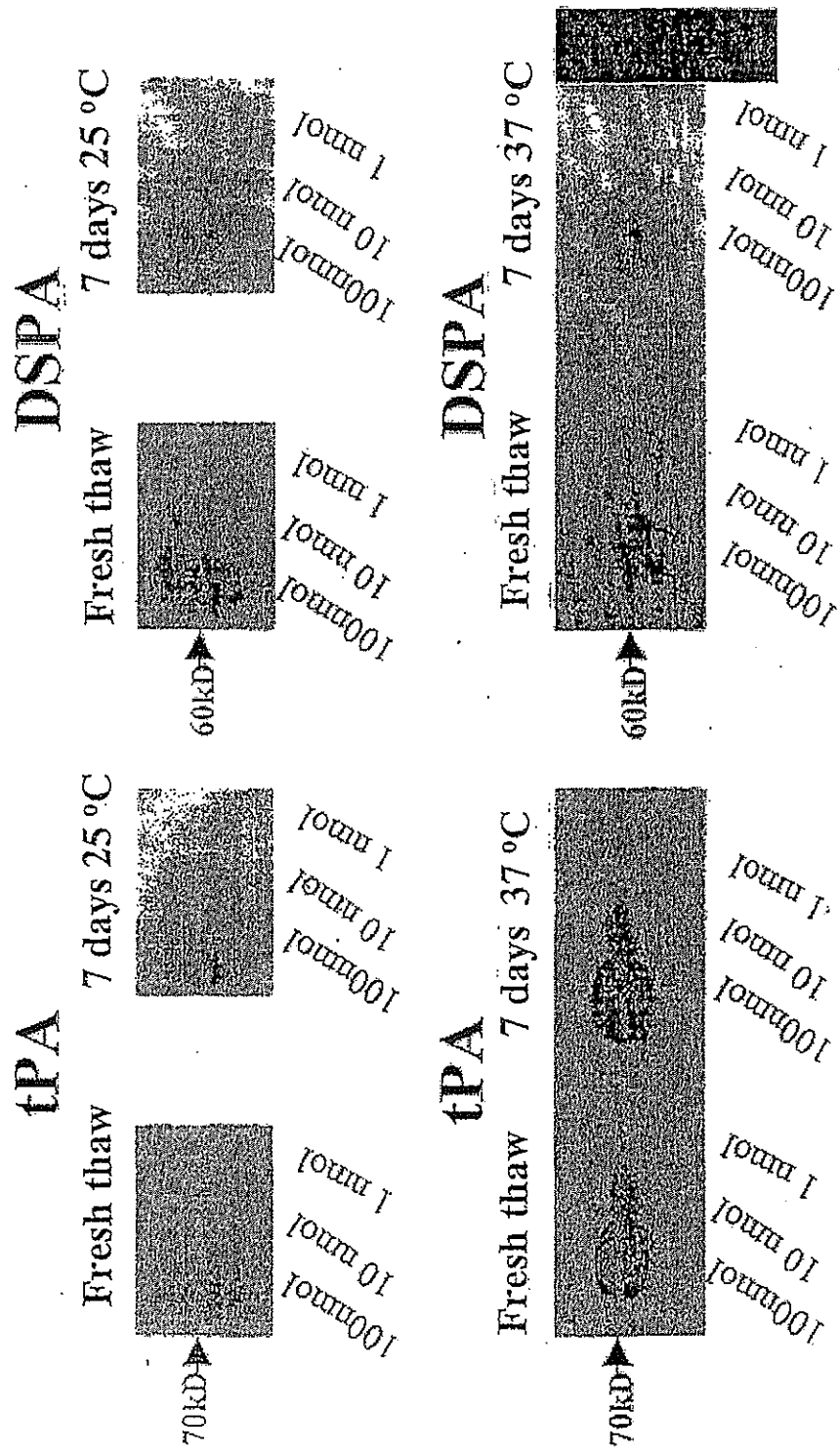


Fig. 1

Fig. 4a



- Wt (+) Kainic Acid (n=2)
- ▨ tPA -/- (+) Kainic Acid (n=3)
- ▩ tPA -/- (+) tPA (+) Kainic Acid (n=8)
- ▧ tPA -/- (+) DSPA (+) Kainic Acid (n=8)

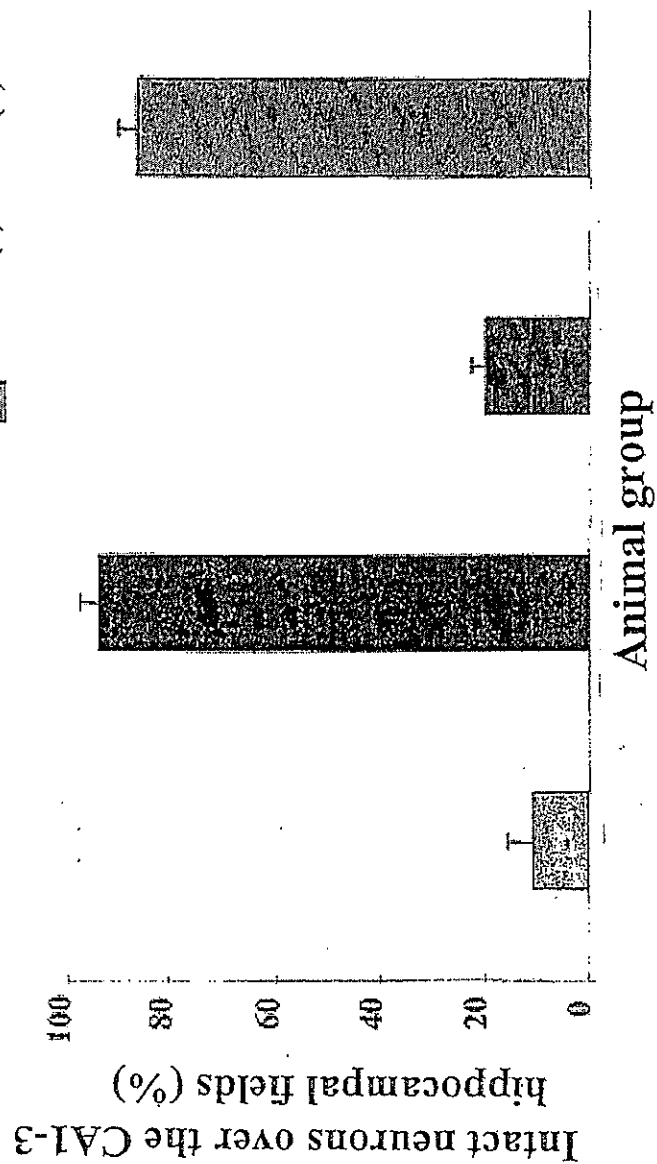
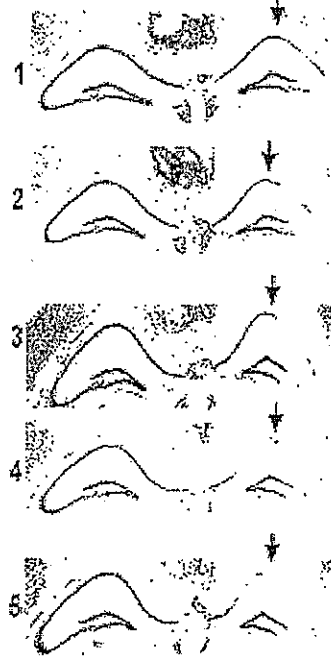


Fig. 4b

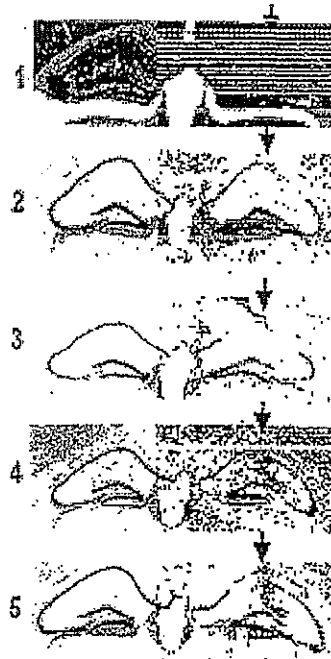
tPA $-/-$ mice infused with tPA, when
injected with Kainic acid ($\downarrow$)

Serial section of Hippocampal region

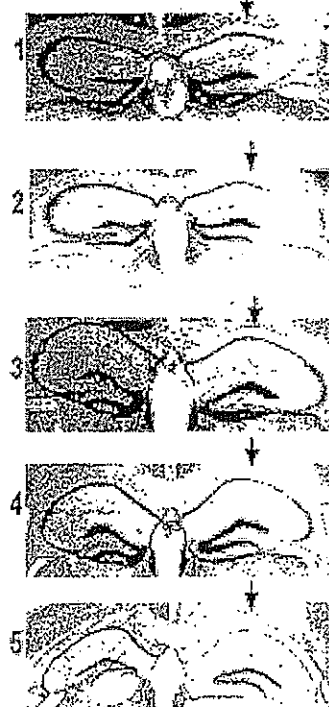
Mouse # 5



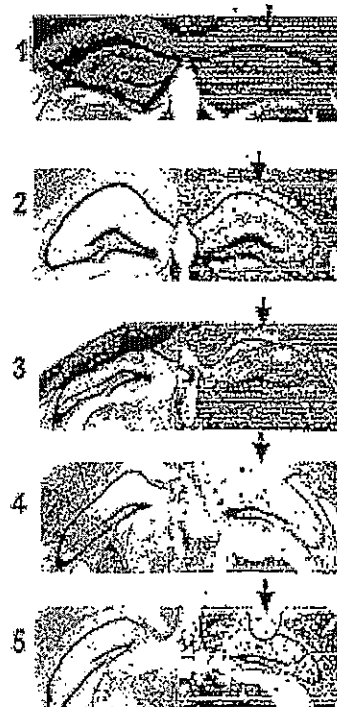
Mouse # 6



Mouse # 7

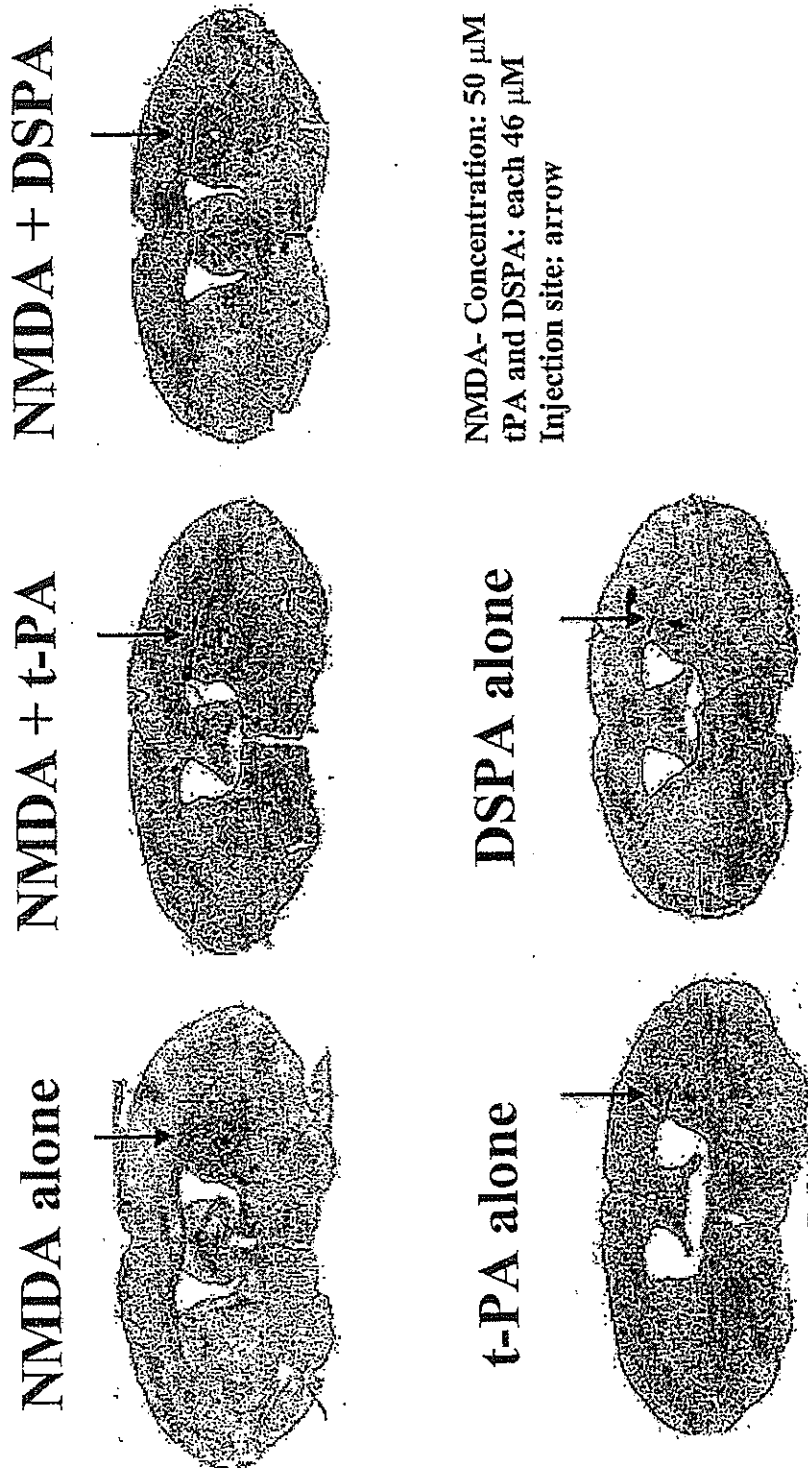


Mouse # 8



Serial section of Hippocampal region

Fig. 7



NMDA- Concentration: 50 μ M
tPA and DSPA: each 46 μ M
Injection site: arrow

Constant relative increase of t-PA Neurotoxicity is time limiting for therapy and "additive" to rt-PA Neurotoxicity

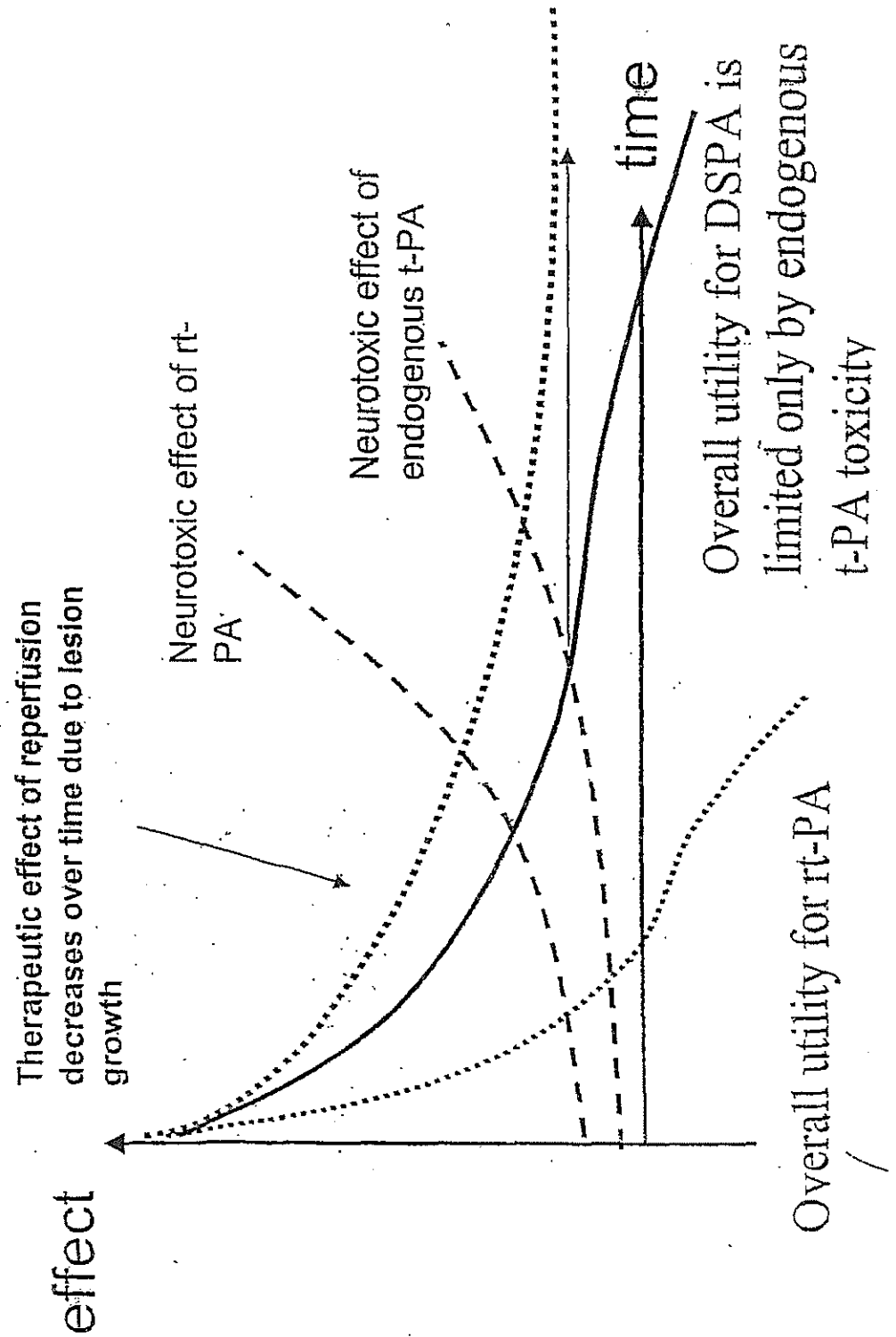


Fig. 9

Fig. 10 Salvageable tissue as a requirement for a successful treatment

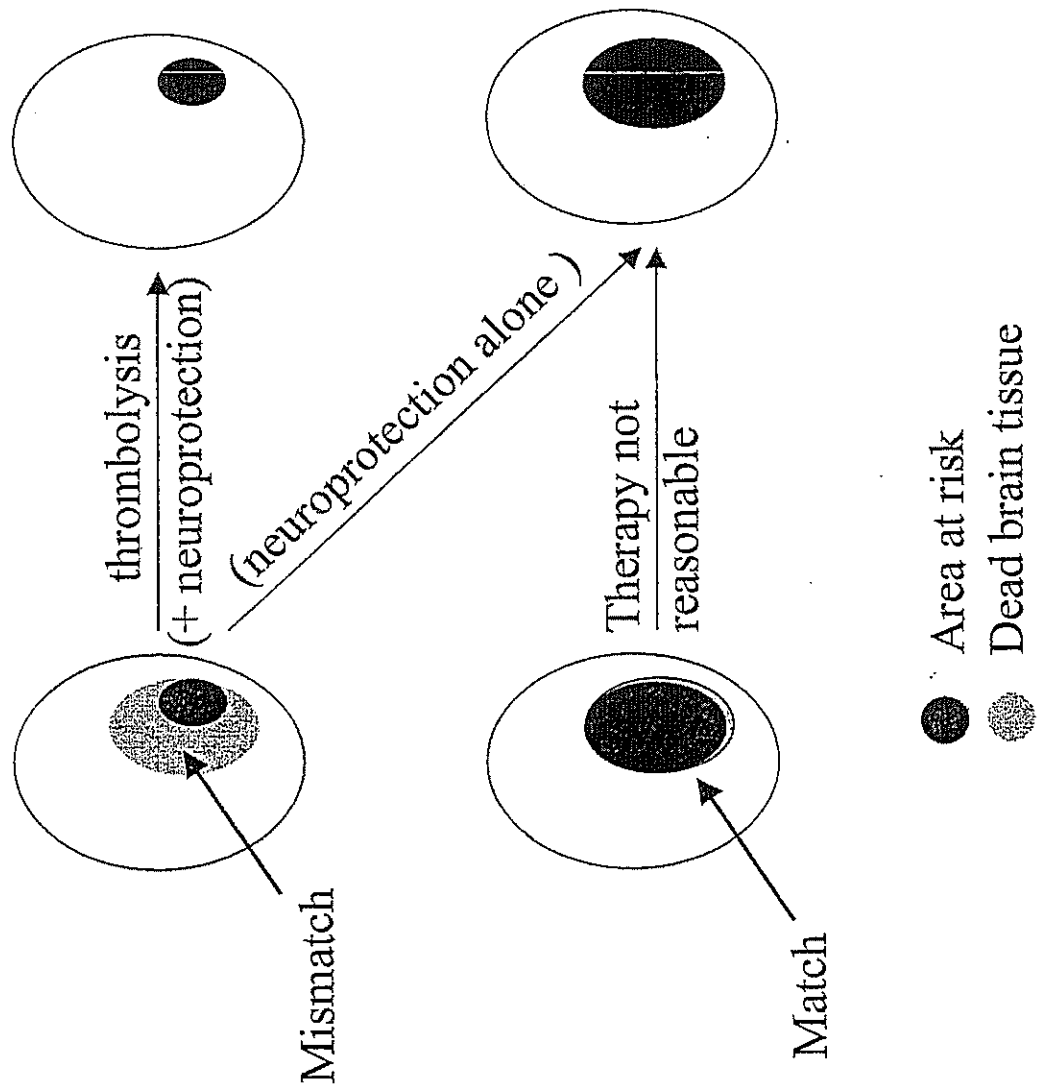


Fig. 11

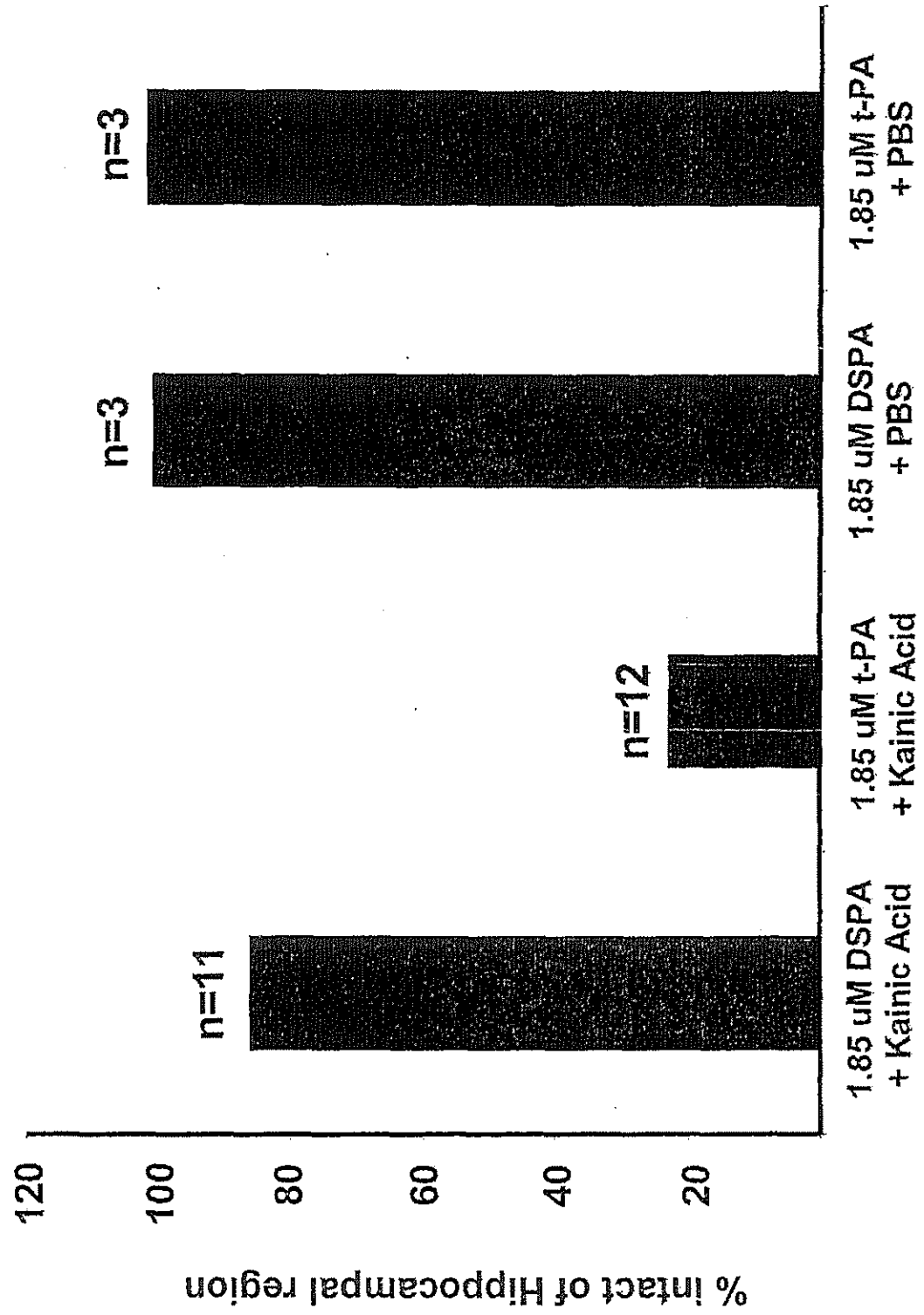


Fig. 12

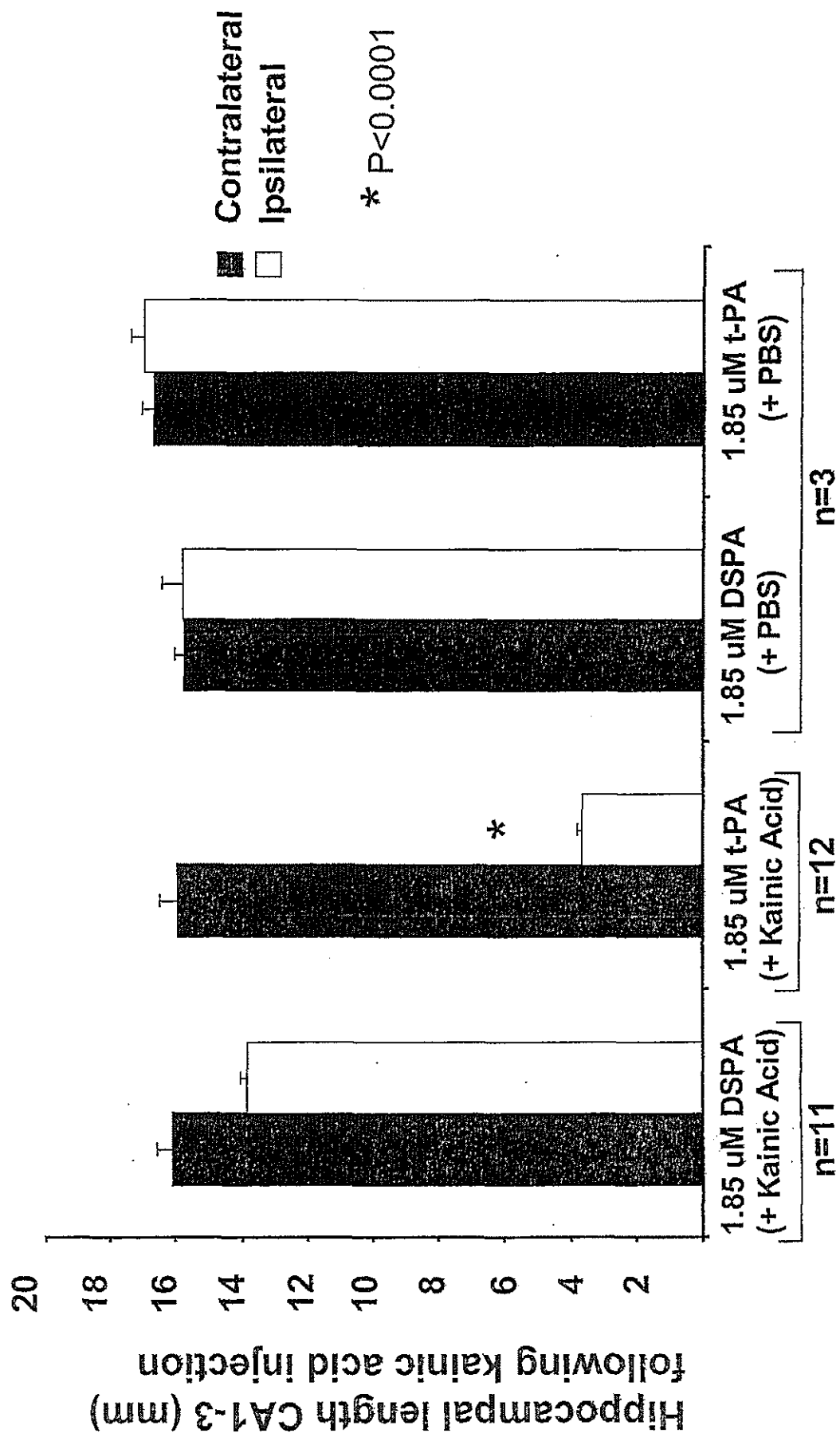


Fig. 13

SEQ. ID Nr. 2

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151 PWNSATVLQQ TYHAHRSDAL QLGLGKHNVC RNP DNRRRPW CYVQVGLKPL
201 VQECMVHDCA DFQCGQKTLR EPRFHSTGGE FTTIENQPF AAIYRRHRGG
251 SGVTYVCGGS LMSPCWVISA THCFIDYPKK EDYIVYLGRS RLNSNTQGEM
301 KFEVENLILH KDYSADTHHN DIALLKIRSK EGRCAQPSRT IQTICLPSMY
351 NDPQFGTSCE ITGFGKENST DYLYPEQLKM TVVKLISHRE CQQPHYYGSE
401 VTTKMLCAAD PQWKEIYPNV TDSCQGDSSG PLVCSLQGRM TLTGIVSWGR
451 GCALKDKPGV YTRVSHFLPW IRSHTKL

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Fig. 14

SEQ. ID Nr. 1

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151 NWNSSALAQK PYSGRRPDAL RLGLGNHNVC RNPDRDSKPW CYVFKAGKYS
201 SEFCSTPACS STCGLRQYSQ PQFHSTGGLF ADIASHPWQA AIFAKHRRSP
251 GERFLCGGIL ISSCWILSAA HCFQERFPPH HLTVILGRTY RVVPGEEEQK
301 FEVEKYIVHK EFDDDTYDND IALLQLKSDS SRCAQESSVV RTVCLPPADL
351 QLPDWTECEL SGYGKHEALS PFYSERLKEA HVRLYPSSRC TSQHLLNRTV
401 TDNMLCAGDT RSGGPQANLH DACQGDSSGP LVCLNDGRMT LVGIISWGLG
451 CGQKDVPGVY TKVTNYLDWI RDNMRP

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