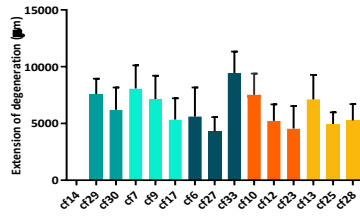
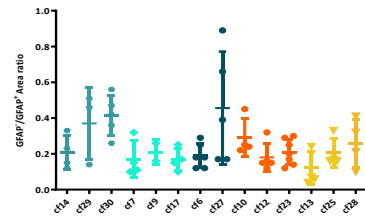


Annex

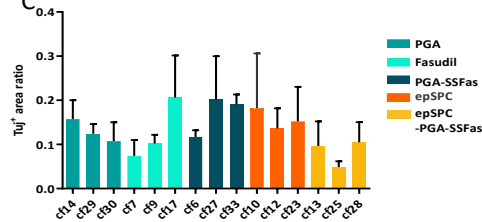
A



B



C



Supplementary figure 1. Data per animals. (A) Mean values of the extension of degeneration per animal. (B) GFAP⁻/GFAP⁺ area ratio per animal and (C) Tuj⁺ area ratio per animal.

Supplementary table 1. Data for binomial proportion significance statistical analysis of GAP43⁺ proportions.

Treatment	Control	Met	CC	CC-FL50	CC-	CC-SS50	CC-	LPA	LPA-
Proportion	0,269	0,280	0,209	0,476	0,467	0,524	0,664	0,328	0,373
N GAP43 ⁺	220	273	299	280	276	160	190	220	257
N total	816	973	1429	588	590	305	286	671	688
significance against control	-	ns	*	***	***	***	***	ns	***
p-value α=0.01	-	0,61	1,10E-3	1,55E-15	1,67E-14	8,88E-16	0,00E+00	1,43E-02	1,6E-05
Significance against Met or LPA-Met	-	-	***	****	****	****	****	-	-
p-value α=0.01			5,59E-05	4,88E-15	5,68E-14	4,00E-15	0,00E+00		
Treatment	LPA-CC	LPA-FL50	LPA-FL100	LPA-SS50	LPA-SS100	LPA-CC-FL50	LPA-CC-FL100	LPA-CC-SS50	LPA-CC-SS100
Proportion	0,335	0,359	0,354	0,504	0,404	0,347	0,455	0,552	0,364
N GAP43 ⁺	178	165	274	362	247	219	233	227	277
N total	532	460	773	718	611	632	512	411	760
significance against control	-	**	**	****	****	*	****	****	***
p-value α=0.01	1,06E-02	8,72E-04	2,60E-04	0,00E+00	8,16E-08	1,59E-03	3,97E-12	0,00E+00	5,1E-05
Significance against Met or LPA-Met	ns	ns	****	ns	*	****	ns	ns	ns
p-value α=0.01	1,63E-01	4,38E-01	8,41E-07	3,16E-01	4,5E-03	8,13E-09	7,21E-01	1,63E-01	6,16E-01

Supplementary table 2. Data for binomial proportion significance statistical analysis of Casp3⁺ proportions.

Treatment	Control	CC	CC- NAC	Fas50	Fas100	SSFas- 50	SSFas- 100	CC- Fas50	CC- Fas100	CC- SSFas50	CC- SSFas100
Proportion	0,072	0,3225	0,1324	0,1485	0,1405	0,0438	0,1728	0,3317	0,3789	0,1578	0,2088
N Casp3⁻	125	186	317	249	185	251	214	214	304	171	158
N Casp3⁺	9	60	42	37	26	11	37	71	115	27	33
TOTAL	134	246	359	286	211	262	251	285	419	198	191
significance against control	-	****	ns	*	ns	ns	**	****	****	*	***
p-value α=0.05	-	3,58E- 08	0,0621	0,026	0,0508	0,23775	0,00621	1,15E- 08	2,04E-11	0,019493	0,000728
significance against CC	-	-	-	****	****	****	***	ns	ns	****	**
p-value α=0.05	-	-	-	1.9E- 06	5.3E- 06	2.2E-16	1.1E-04	0,82177	0,147892	6,66E-05	0,008115