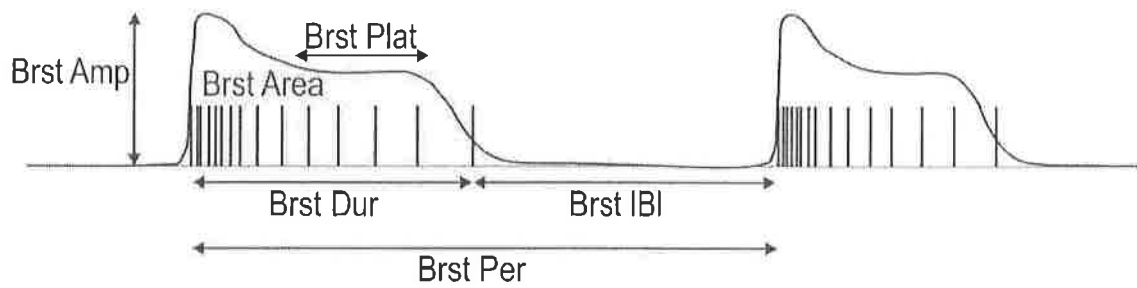
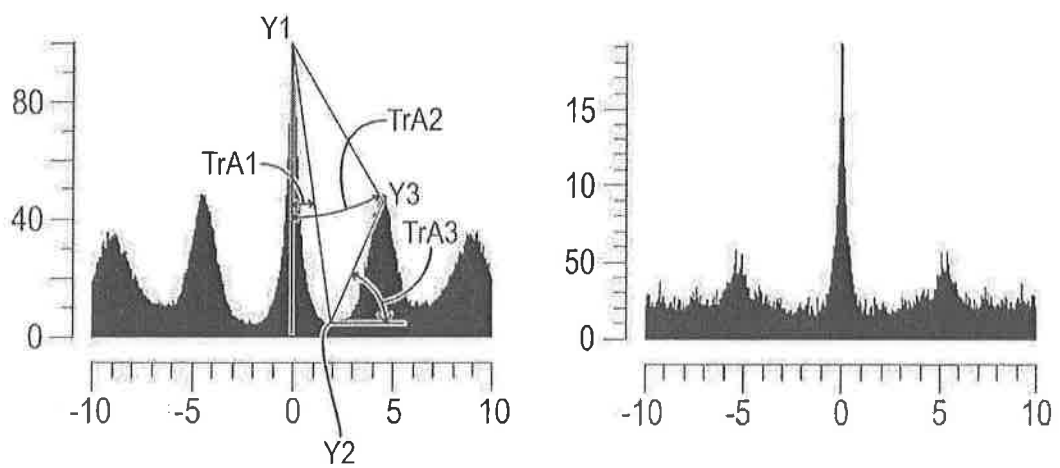


Introduction to Burst parameters

*FIG. 1**FIG. 2*

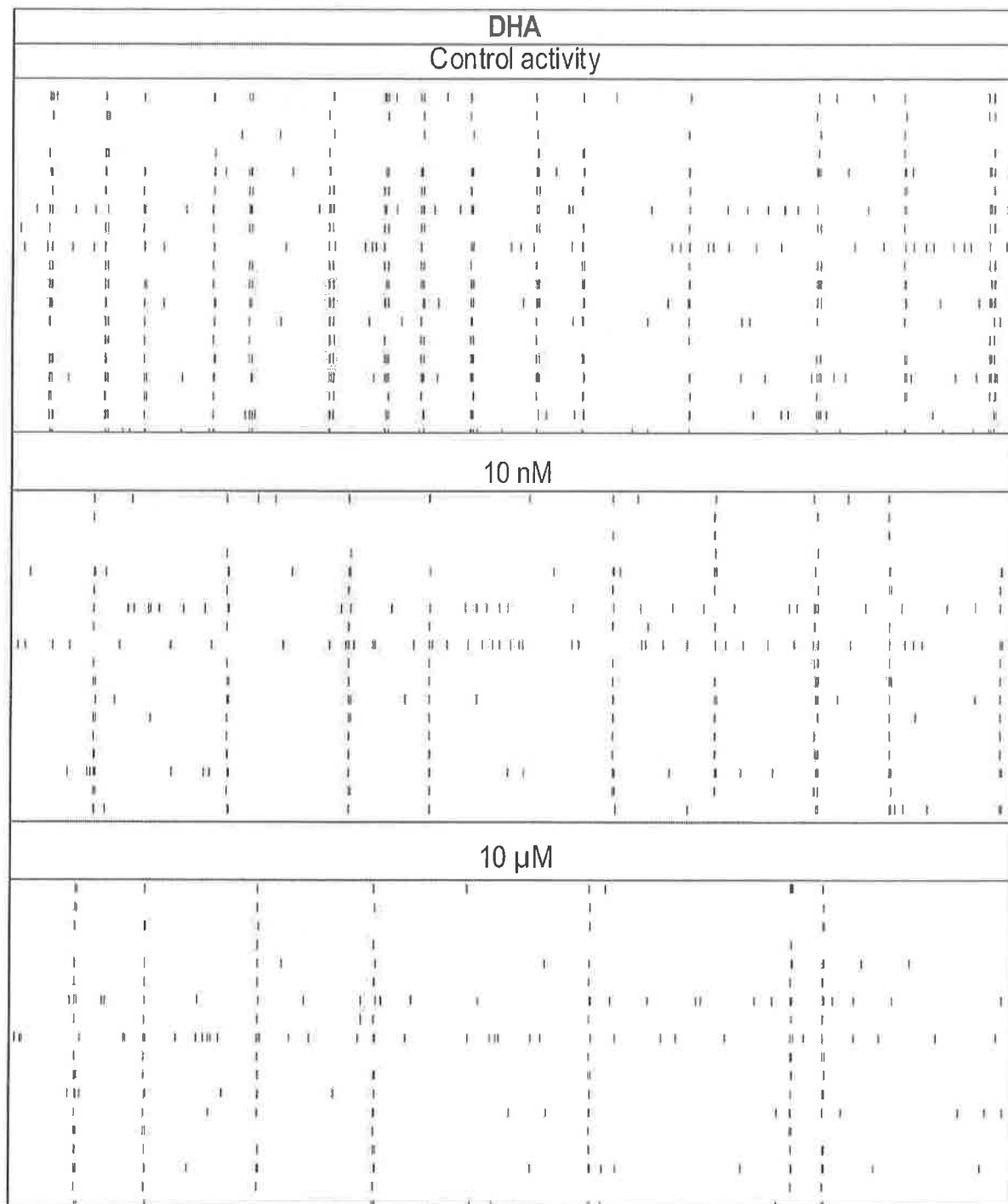


FIG. 3A

[illegible]

FIG. 3B

<i>FIG. 4A</i>	<i>FIG. 4B</i>	<i>FIG. 4C</i>
<i>FIG. 4D</i>	<i>FIG. 4E</i>	<i>FIG. 4F</i>
<i>FIG. 4G</i>	<i>FIG. 4H</i>	<i>FIG. 4I</i>
<i>FIG. 4J</i>	<i>FIG. 4K</i>	<i>FIG. 4L</i>

FIG. 4

			DHA [M]						
			1.0E-10	1.0E-09	1.0E-08	1.0E-07	1.0E-06	1.0E-05	1.0E-04
			Scale for numbers in boxes 0 to 800						
General activity	Feature / Conc.	Row							
	SpRate	1	85	79	78	77	76	72	71
	BrstRate	2	82	80	80	79	76	74	72
	SpCont	3	87	86	83	82	81	80	79
	BrstPer	4	150	160	170	170	172	178	181
	SummeBrstPer	5	148	153	162	154	154	155	×
	BrstIBI	6	151	155	170	170	176	180	185
	SummeBrstIBI	7	150	154	162	157	157	156	×
	BrstSrpr	8	×	×	×	×	×	×	×
	BrstPercSpinBrst	9	92	90	89	86	85	85	83
	EvRate	10	84	80	79	76	71	70	64
	EvPrd	11	150	156	174	174	180	186	196

FIG. 4A

Lipoic acid [M]							DHA + Lipoic acid [M]							
Row	1.00E-07	1.00E-06	1.00E-05	1.00E-04	1.00E-03	3.00E-03	5.00E-03	1.00E-07	1.00E-06	1.00E-05	1.00E-04	1.00E-03	3.00E-03	5.00E-03
1	94	X	X	X	83	73	42	X	X	X	X	X	X	62
2	X	X	X	X	X	77	52	X	X	X	X	X	X	X
3	X	X	X	X	89	84	75	X	X	X	X	X	X	71
4	X	X	X	X	X	173	X	X	X	X	X	X	X	X
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	173	X	X	X	X	X	X	X	X
7	X	X	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	X	X	X	94	X	90	87	85	84
9	X	X	95	X	X	86	69	X	X	X	X	X	X	60
10	X	X	X	X	X	78	47	X	X	X	X	X	X	58
11	X	X	X	X	X	181	X	X	X	X	X	X	X	X

FIG. 4B

Row	hBDNF [g/ml]								DMSO [%]						
	5.00E-11	2.50E-10	5.00E-10	2.50E-09	5.00E-09	1.00E-08	2.50E-08	5.00E-08	1.0E-03	1.0E-03	1.1E-03	2.0E-03	3.0E-03	5.0E-03	7.0E-03
1	X	X	89	X	X	X	X	X	X	X	X	X	X	X	X
2	90	X	86	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	91	X	X	X	X	X	X	X	X	X	X	X	X
4	135	X	146	X	X	X	X	X	X	X	X	X	X	X	X
5	X	X	138	X	X	X	X	X	X	X	X	X	X	X	X
6	135	X	146	X	X	X	X	X	X	X	X	X	X	X	X
7	X	X	138	X	X	X	X	X	X	X	X	X	X	X	X
8	X	X	X	X	X	88	86	87	X	X	X	X	X	X	X
9	97	93	91	91	90	88	87	88	X	X	96	94	92	89	88
10	X	X	83	X	X	X	X	X	X	87	X	94	83	81	X
11	X	X	150	X	X	X	X	X	X	140	140	150	155	X	X

FIG. 4C

			DHA [M]						
			1.0E-10	1.0E-09	1.0E-08	1.0E-07	1.0E-06	1.0E-05	1.0E-04
Row									
Burst Structure	BrstDur	12	X	86	84	83	82	81	80
	BrstAmpl	13	X	93	92	92	92	90	89
	BrstArea	14	X	84	81	80	80	79	79
	BrstSpNmbr	15	X	90	89	88	88	85	84
	BrstSpMaxRate	16	X	X	81	81	80	79	78
	BrstISI	17	X	X	X	X	90	90	X
	BrstPeakFrq	18	X	X	X	X	X	X	X
	BrstSpDens	19	X	X	X	X	135	135	140
	BrstSpRate	20	125	X	X	X	X	X	X
	BrstPlat	21	X	84	83	82	81	79	77
	ShSlow	22	X	X	X	X	X	X	X
	ShFast	23	X	X	X	X	X	X	X
	ShMult	24	X	X	X	X	X	X	X
	ShDist3	25	X	X	X	X	X	X	X
	ShTrAngle3	26	X	X	X	X	X	X	X
	ShCount3	27	X	X	X	X	X	X	X
	ShY3/Y1	28	X	X	X	140	X	X	125
	BrstPlatPos	29	X	X	X	X	140	X	150
	BrstPlatFrac	30	X	X	83	82	80	78	76

FIG. 4D

Lipoic acid [M]							DHA + Lipoic acid [M]							
Row	1.00E-07	1.00E-06	1.00E-05	1.00E-04	1.00E-03	3.00E-03	5.00E-03	1.00E-07	1.00E-06	1.00E-05	1.00E-04	1.00E-03	3.00E-03	5.00E-03
12	X	X	X	X	84	80	70	X	X	X	X	80	X	X
13	X	X	X	X	X	X	77	92	X	92	X	80	80	X
14	X	X	X	X	81	79	57	X	X	X	X	65	53	X
15	X	X	X	X	X	84	73	X	X	X	X	77	73	X
16	X	X	X	X	X	X	60	X	X	X	X	45	38	X
17	X	X	X	X	X	X	X	X	X	X	X	X	X	X
18	X	X	X	X	X	X	77	X	X	X	X	79	X	X
19	X	X	X	X	135	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	89	88	X	87	67	X	X
21	X	X	X	X	X	X	68	X	X	X	70	47	44	X
22	X	X	80	X	X	X	66	X	X	X	X	X	X	X
23	X	X	X	110	X	X	X	X	X	X	X	X	X	X
24	X	X	X	X	X	X	32	X	X	X	X	X	44	X
25	X	X	X	X	X	X	X	X	X	X	X	X	X	X
26	X	X	X	X	X	X	X	X	X	X	X	X	X	X
27	X	X	X	X	X	X	X	X	X	X	X	X	X	X
28	X	X	X	X	X	X	X	X	X	X	X	X	X	X
29	X	X	X	X	X	140	175	X	X	X	X	X	166	X
30	X	X	X	X	X	80	63	X	X	X	X	64	48	X

FIG. 4E

Row	hBDNF [g/ml]								DMSO [%]							
	5.00E-11	2.50E-10	5.00E-10	2.50E-09	5.00E-09	1.00E-08	2.50E-08	5.00E-08	1.0E-03	1.0E-03	1.1E-03	2.0E-03	3.0E-03	5.0E-03	7.0E-03	
12																
13								90								
14																
15																
16																
17				137		150	150								140	
18		93		91	90	88	87	88		93	92		90	88		
19						90	89									
20															87	
21		89								90						
22																
23					93											
24																
25																
26																
27				127				127								
28											125					
29																
30																

FIG. 4F

			DHA [M]						
			1.0E-10	1.0E-09	1.0E-08	1.0E-07	1.0E-06	1.0E-05	1.0E-04
Row									
Oscillation	SpRate SD	31	87	X	X	X	X	X	X
	BrstRate SD	32	X	X	X	X	X	X	X
	BrstAmpl SD	33	X	X	90	X	X	X	86
	BrstArea SD	34	X	87	84	80	80	79	79
	BrstSpRate SD	35	X	X	X	X	X	X	X
	BrstPlat SD	36	X	88	86	88	84	86	82
	BrstSpMaxRate SD	37	X	X	87	X	X	X	X
	BrstSrpr SD	38	X	X	X	X	X	X	X
	BrstPeakFrq SD	39	X	X	X	X	X	X	X
	BrstSpNmbr SD	40	X	87	85	87	85	81	80
	BrstSpDens SD	41	X	X	X	X	X	X	X
	SpCont SD	42	92	94	93	92	92	91	90
	BrstPer SD	43	160	170	188	200	255	265	300
	BrstIBI SD	44	160	170	188	200	255	265	300
	BrstDur SD	45	X	X	X	X	X	86	84
	BrstPlatPos SD	46	X	X	X	X	X	X	X
	ShSlow SD	47	X	X	X	X	X	X	X
	ShFast SD	48	X	X	X	X	X	X	X
	ShMult SD	49	X	X	X	X	X	62	X
	gaborY3/Y1	50	X	X	X	X	X	X	X
	gaborY1	51	X	X	153	147	X	X	X

FIG. 4G

Row	Lipoic acid [M]							DHA + Lipoic acid [M]						
	1.00E-07	1.00E-06	1.00E-05	1.00E-04	1.00E-03	3.00E-03	5.00E-03	1.00E-07	1.00E-06	1.00E-05	1.00E-04	1.00E-03	3.00E-03	5.00E-03
31	85	X	X	X	X	X	X	X	X	X	X	X	X	X
32	X	X	X	X	X	X	X	X	X	X	150	X	X	X
33	X	X	X	X	X	X	76	88	86	X	86	X	65	63
34	X	X	X	X	82	80	58	X	X	X	X	X	69	58
35	X	X	X	X	X	X	X	87	86	X	85	67	62	X
36	X	X	X	X	X	X	X	X	X	X	X	X	64	66
37	X	X	X	X	X	X	70	X	86	X	86	72	60	57
38	X	X	X	X	X	X	X	90	X	X	87	X	72	67
39	X	X	X	X	X	X	X	X	X	X	X	X	80	X
40	X	X	X	X	X	X	65	88	87	X	X	X	65	55
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X
42	X	X	X	X	X	X	X	X	X	X	X	X	X	X
43	X	134	170	160	170	259	X	X	X	X	X	X	X	X
44	X	134	170	160	170	259	X	X	X	X	X	X	X	X
45	X	X	X	X	83	X	80	X	X	X	X	X	X	71
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X
47	X	X	87	X	X	X	71	X	X	X	X	X	X	X
48	X	X	X	85	X	X	69	X	X	X	X	X	X	X
49	X	X	X	X	X	X	32	X	X	X	X	X	X	47
50	X	X	X	X	X	X	X	X	X	X	170	X	X	X
51	X	X	X	X	150	165	X	X	X	X	85	X	60	63

FIG. 4H

Row	hBDNF [g/ml]								DMSO [%]							
	5.00E-11	2.50E-10	5.00E-10	2.50E-09	5.00E-09	1.00E-08	2.50E-08	5.00E-08	1.0E-03	1.0E-03	1.1E-03	2.0E-03	3.0E-03	5.0E-03	7.0E-03	
31	X	X	X	X	X	163	158	X	X	X	X	X	X	X	X	
32	X	X	X	X	158	174	184	184	X	X	X	X	X	X	X	
33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
35	X	X	X	X	X	X	86	X	X	92	90	91	87	86	84	
36	X	90	X	X	X	86	85	X	X	90	89	89	87	86	84	
37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
39	X	X	X	X	X	X	X	X	X	X	95	92	X	X	X	
40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
42	X	X	X	X	X	94	93	93	X	X	X	X	X	X	X	
43	145	150	157	155	159	157	161	X	143	X	152	159	167	175	X	
44	145	150	157	155	159	157	161	X	143	X	152	159	167	175	X	
45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
48	X	X	X	X	152	X	X	X	X	X	X	X	X	X	X	
49	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
50	X	X	X	X	X	245	217	X	X	X	X	X	X	X	X	
51	X	X	X	X	X	82	77	X	X	X	X	X	X	X	X	

FIG. 4I

		DHA [M]							
		1.0E-10	1.0E-09	1.0E-08	1.0E-07	1.0E-06	1.0E-05	1.0E-04	
Row		1.0E-10	1.0E-09	1.0E-08	1.0E-07	1.0E-06	1.0E-05	1.0E-04	
Synchronicity	SynShare	52	×	93	×	90	89	88	86
	SynAll	53	×	×	×	×	×	×	×
	SimplexSpSimplex	54	86	84	82	80	79	78	71
	BrstRate CVnet	55	×	159	167	175	180	190	200
	BrstPercSpinBrst CVnet	56	×	148	160	170	175	175	200
	BrstPeakFrq CVnet	57	135	140	150	155	157	160	170
	BrstArea CVnet	58	135	×	×	×	×	135	×
	EvPrd SD	59	×	165	180	187	205	215	312
	SpRate CVnet	60	×	×	×	×	×	×	×

FIG. 4J

Lipoic acid [M]								DHA + Lipoic acid [M]							
Row	1.00E-07	1.00E-06	1.00E-05	1.00E-04	1.00E-03	3.00E-03	5.00E-03	1.00E-07	1.00E-06	1.00E-05	1.00E-04	1.00E-03	3.00E-03	5.00E-03	
52	X	94	93	92	91	87	72	94	94	X	93	X	X	65	
53	X	140	140	X	X	X	X	X	X	X	X	X	X	63	
54	X	X	X	X	X	78	60	88	X	X	X	X	67	46	
55	X	X	160	X	X	200	440	144	X	X	150	X	X	X	
56	X	150	155	X	X	225	540	X	X	X	X	X	X	X	
57	X	X	135	X	X	X	X	X	X	X	X	X	X	X	
58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
60	X	X	X	X	X	X	215	X	X	X	X	X	X	230	

FIG 4K

FIG. 4K

Row	hBDNF [g/ml]								DMSO [%]						
	5.00E-11	2.50E-10	5.00E-10	2.50E-09	5.00E-09	1.00E-08	2.50E-08	5.00E-08	1.0E-03	1.0E-03	1.1E-03	2.0E-03	3.0E-03	5.0E-03	7.0E-03
52	97	95	92	92	91	88	89	87	×	×	×	93	×	91	90
53	×	×	×	×	×	151	152	151	×	×	×	×	150	150	152
54	×	86	84	85	85	82	84	×	91	88	86	85	83	81	78
55	×	142	153	156	166	175	176	176	×	140	144	150	157	162	170
56	130	140	150	150	151	173	173	174	×	×	140	148	162	×	180
57	×	×	×	×	×	×	×	152	×	×	×	×	135	×	×
58	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
59	×	×	144	×	×	×	×	×	×	×	148	158	×	×	×
60	×	127	127	128	128	150	150	151	×	×	×	×	×	145	150

FIG. 4L

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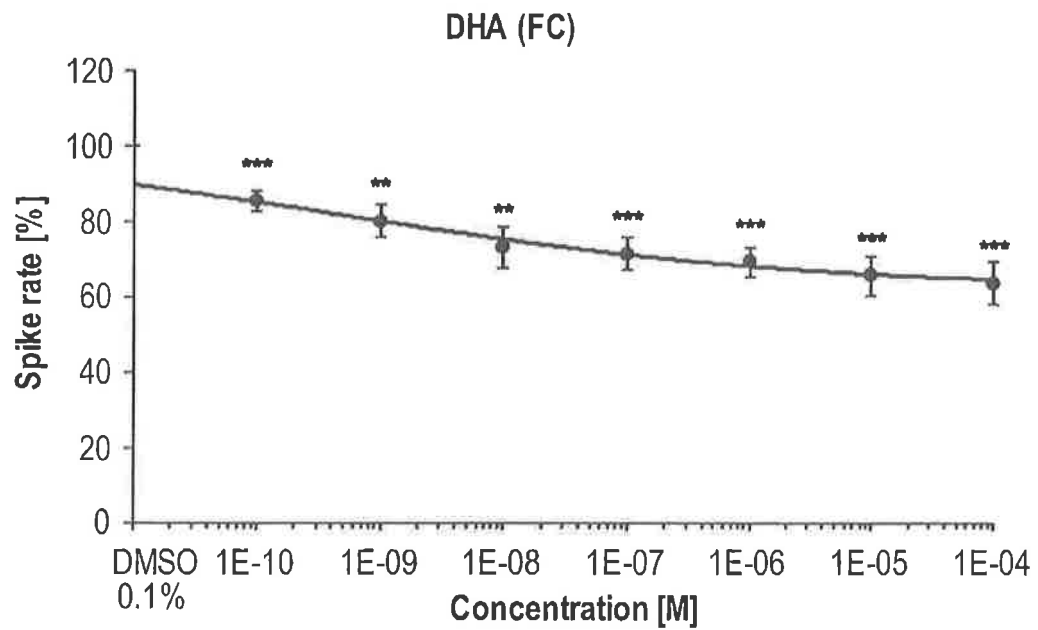


FIG. 5

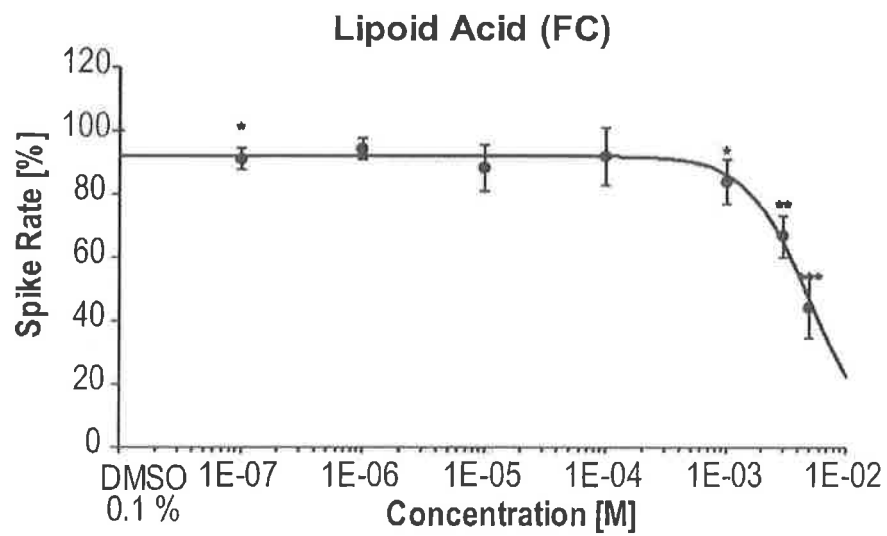
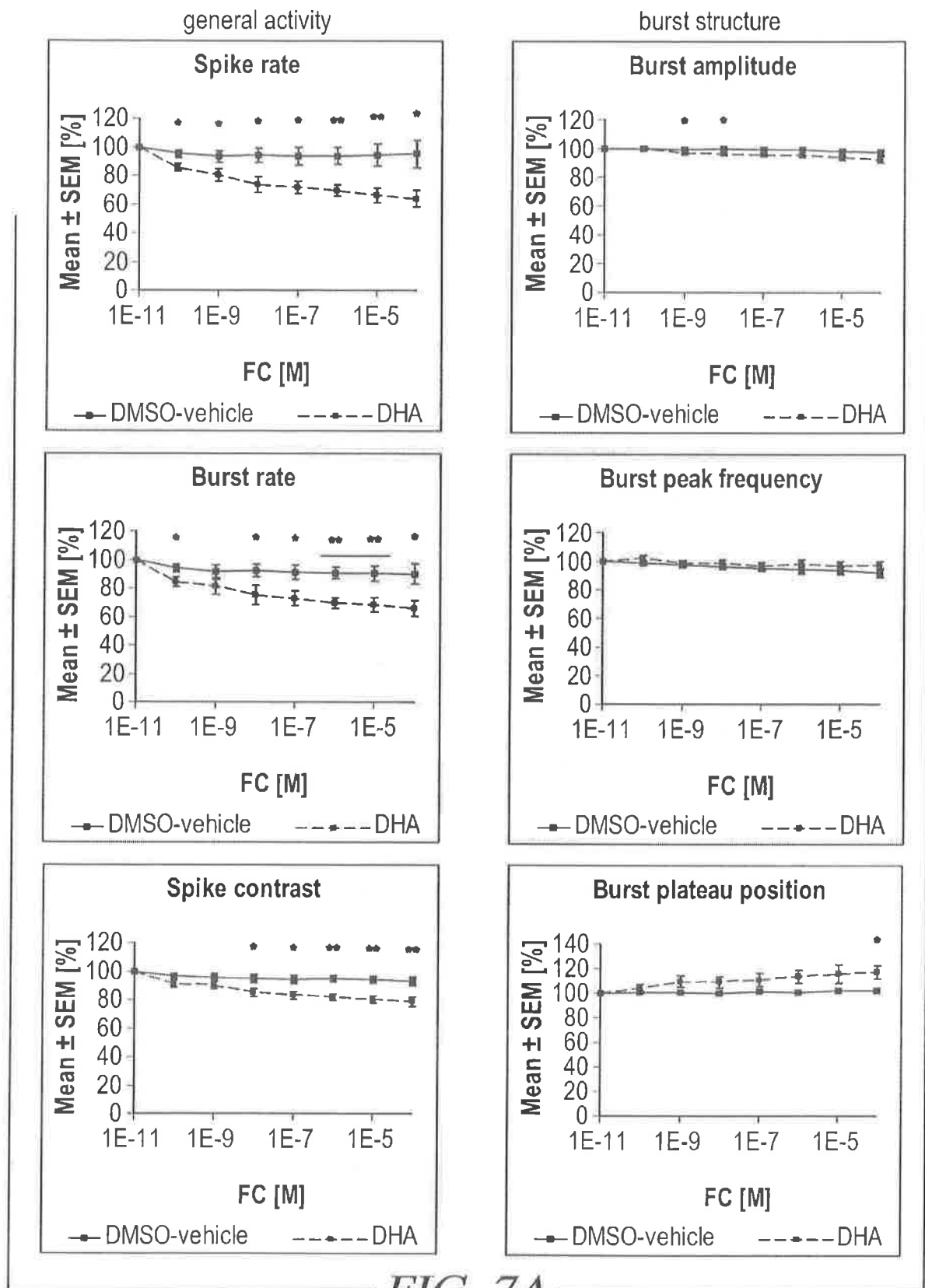


FIG. 6



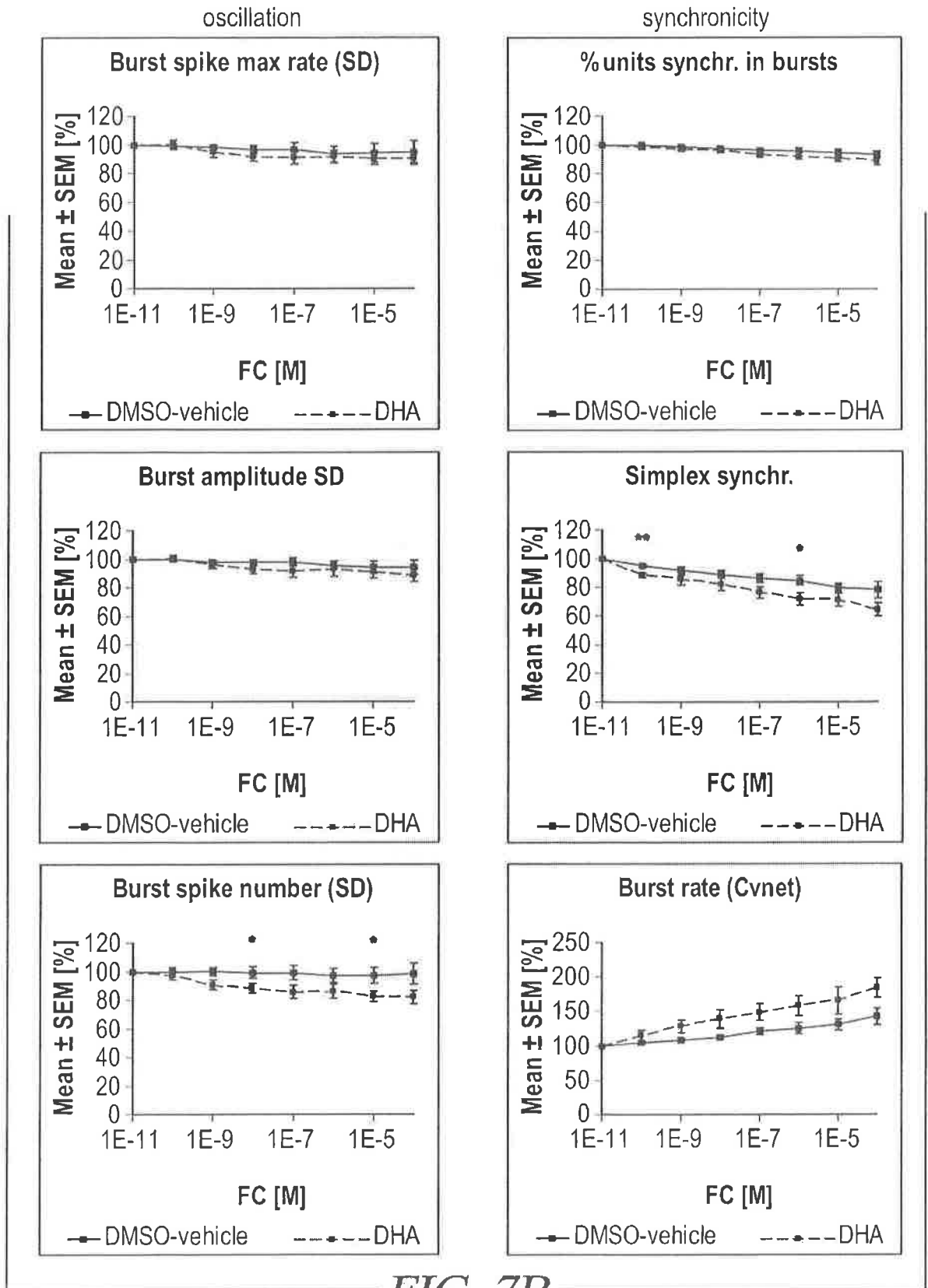


FIG. 7B

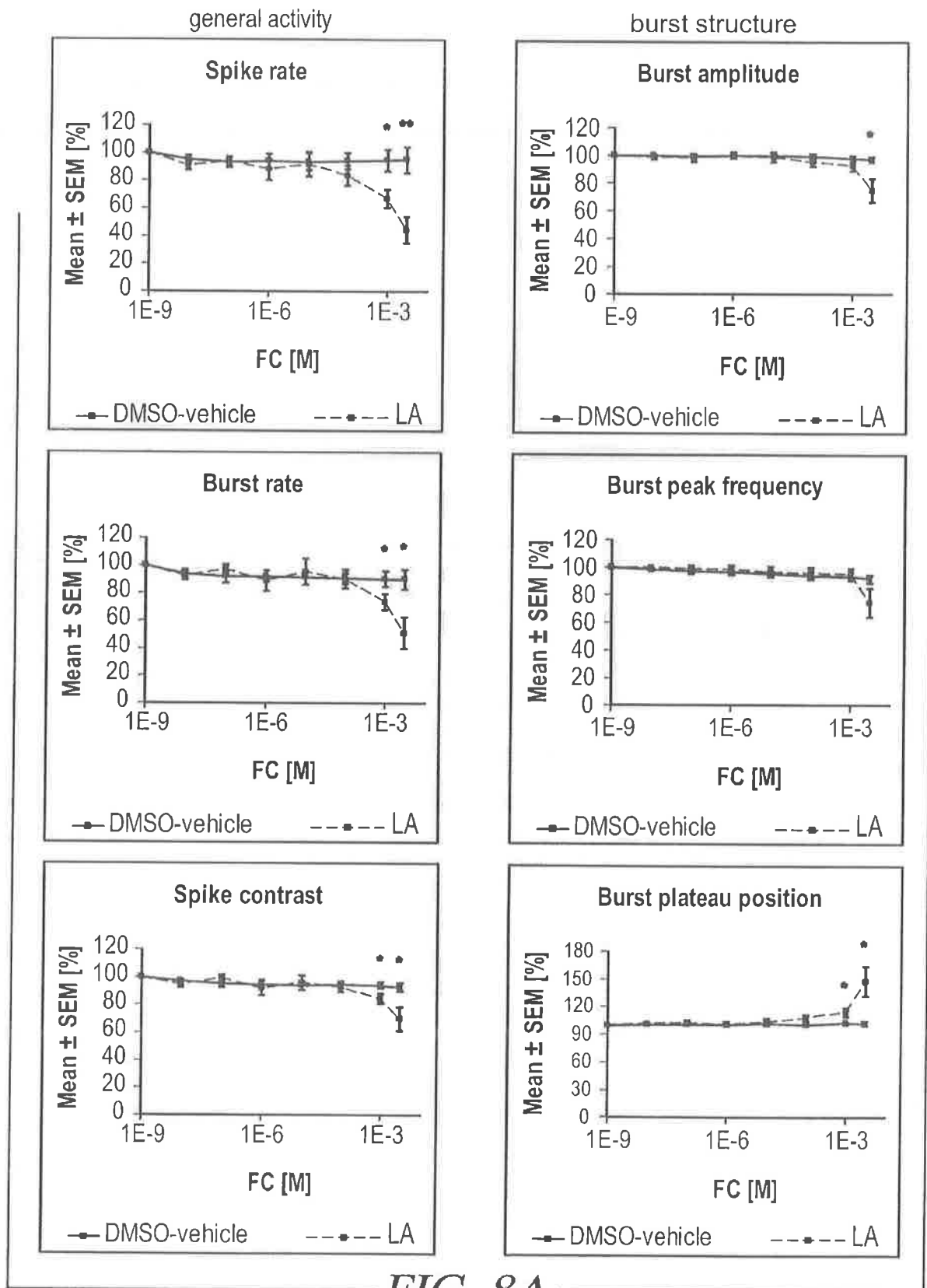


FIG. 8A

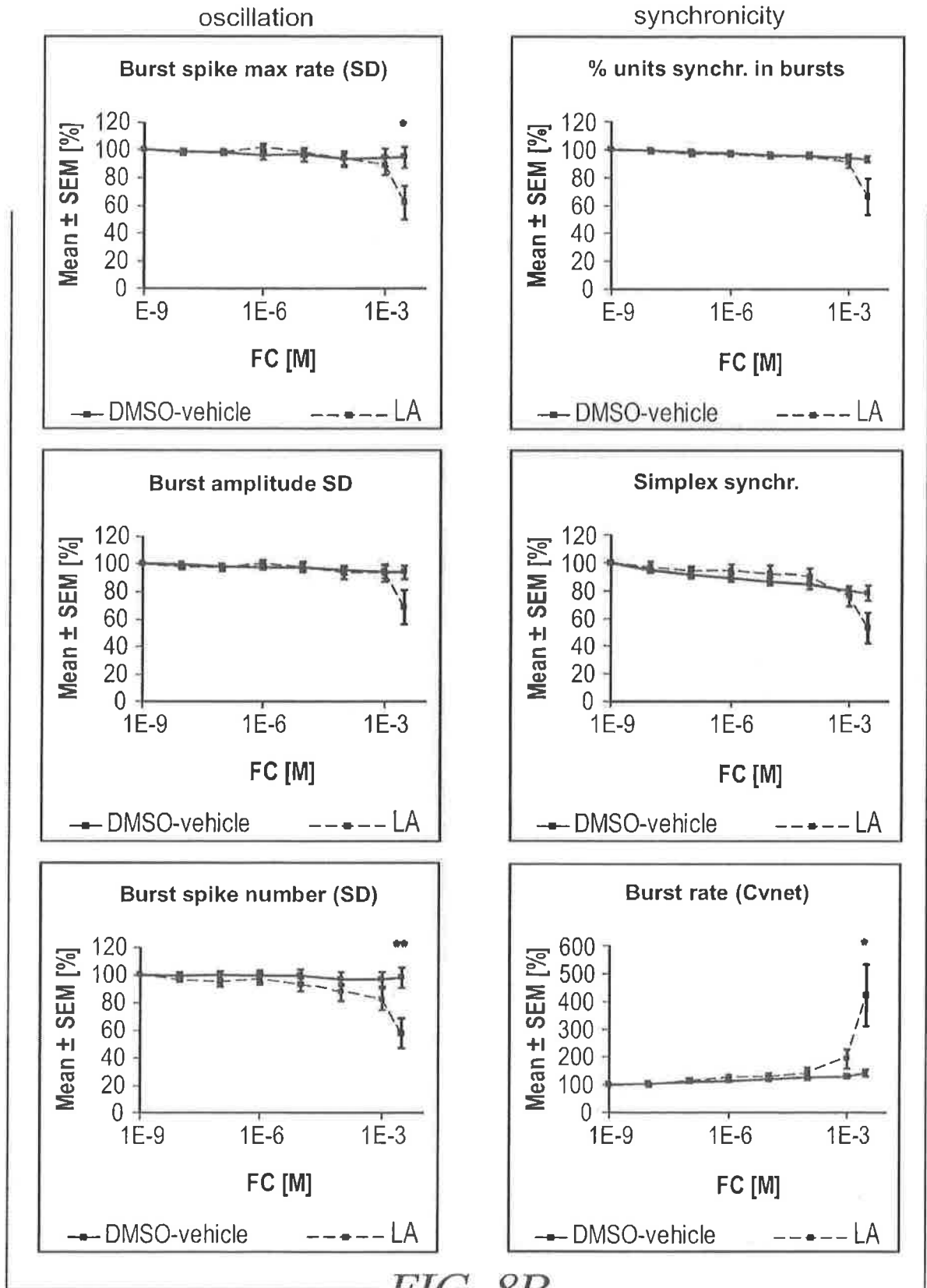
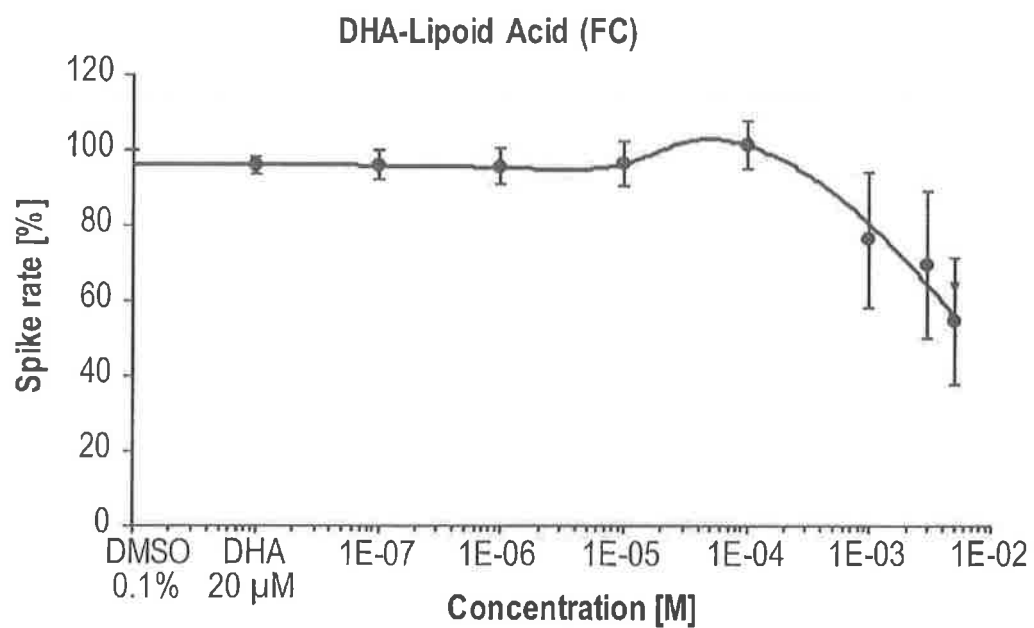
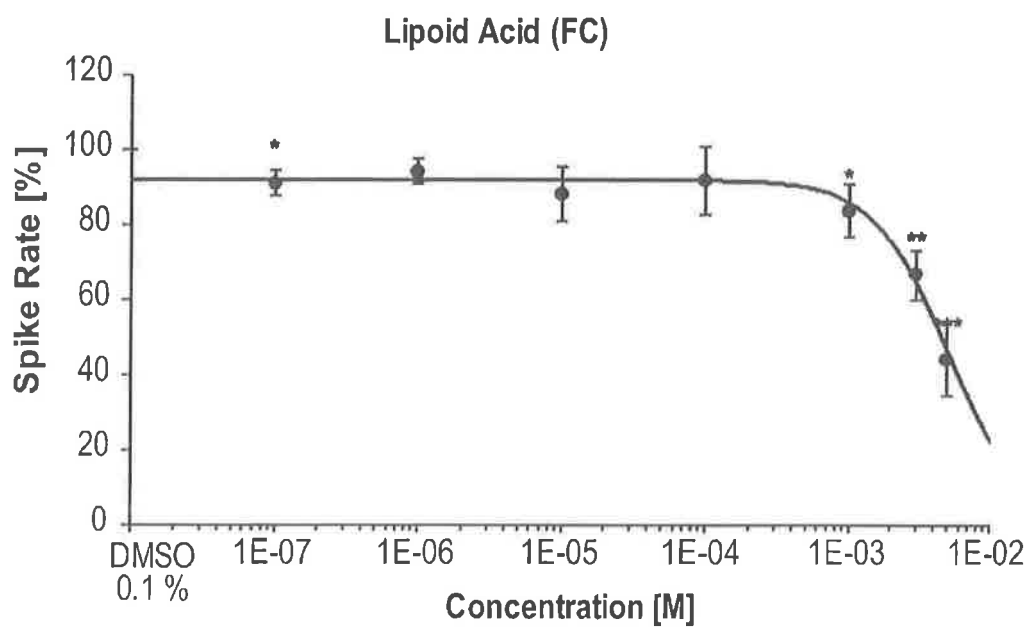


FIG. 8B

*FIG. 9**FIG. 10*

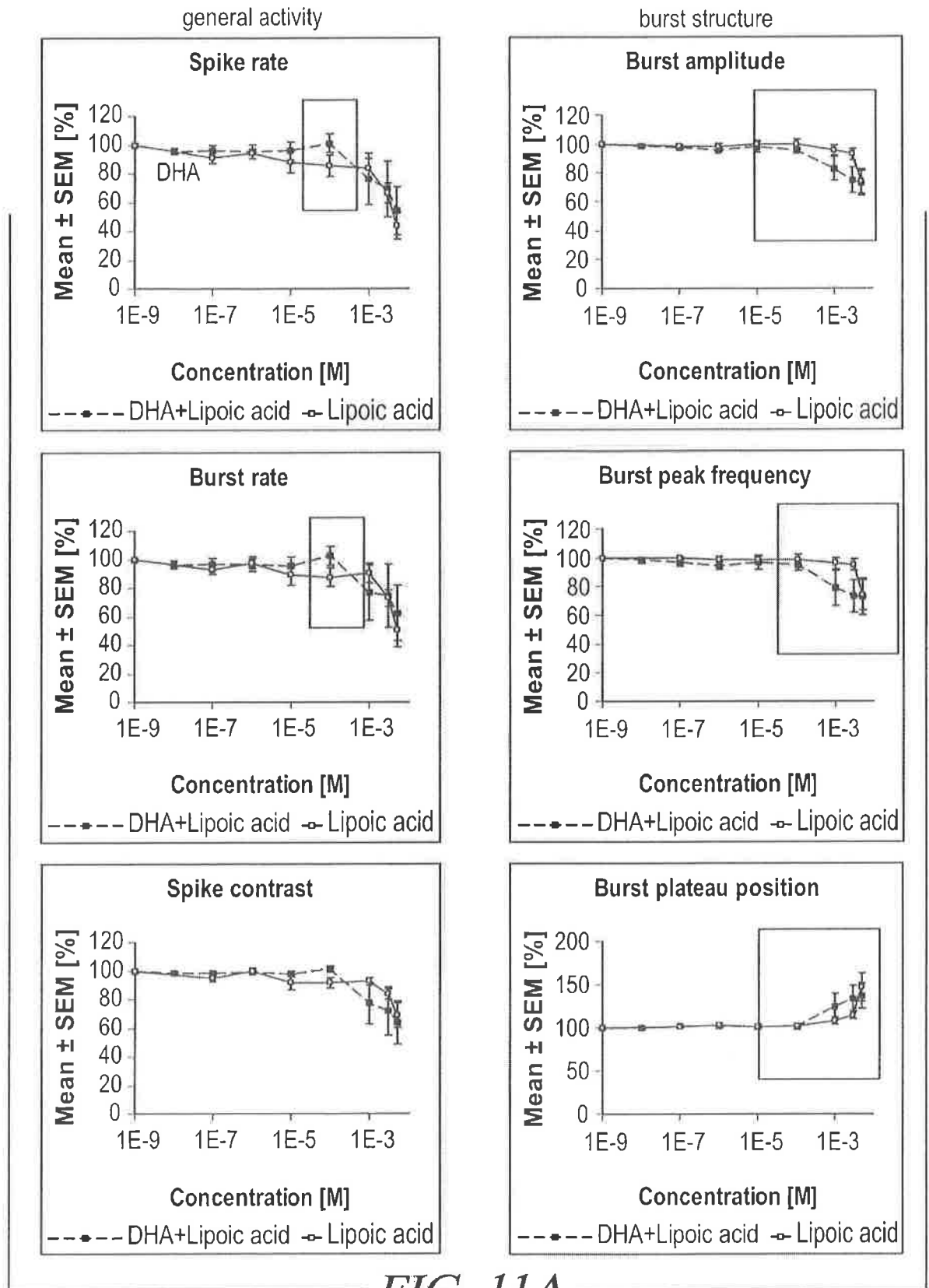


FIG. 11A

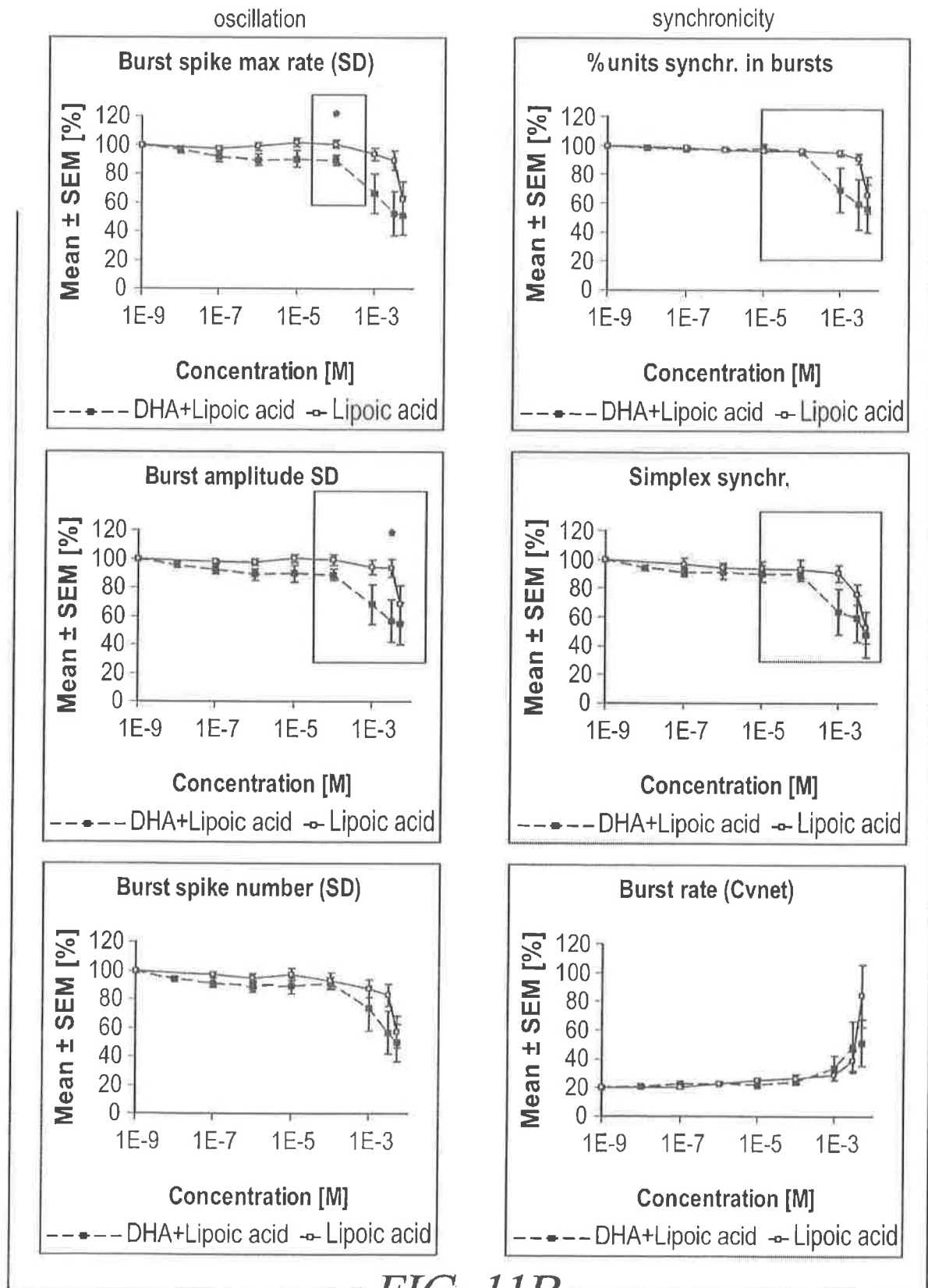


FIG. 11B

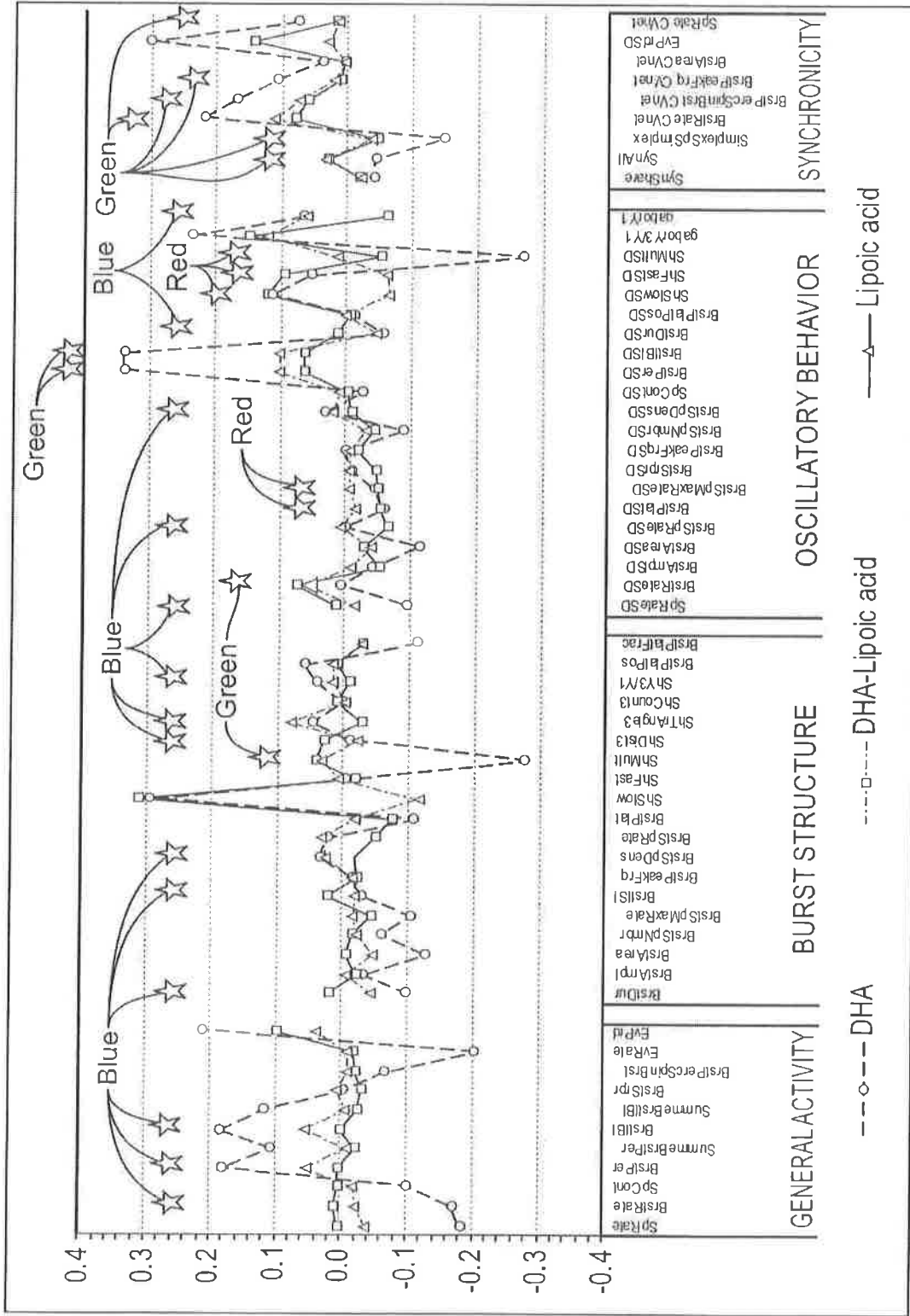
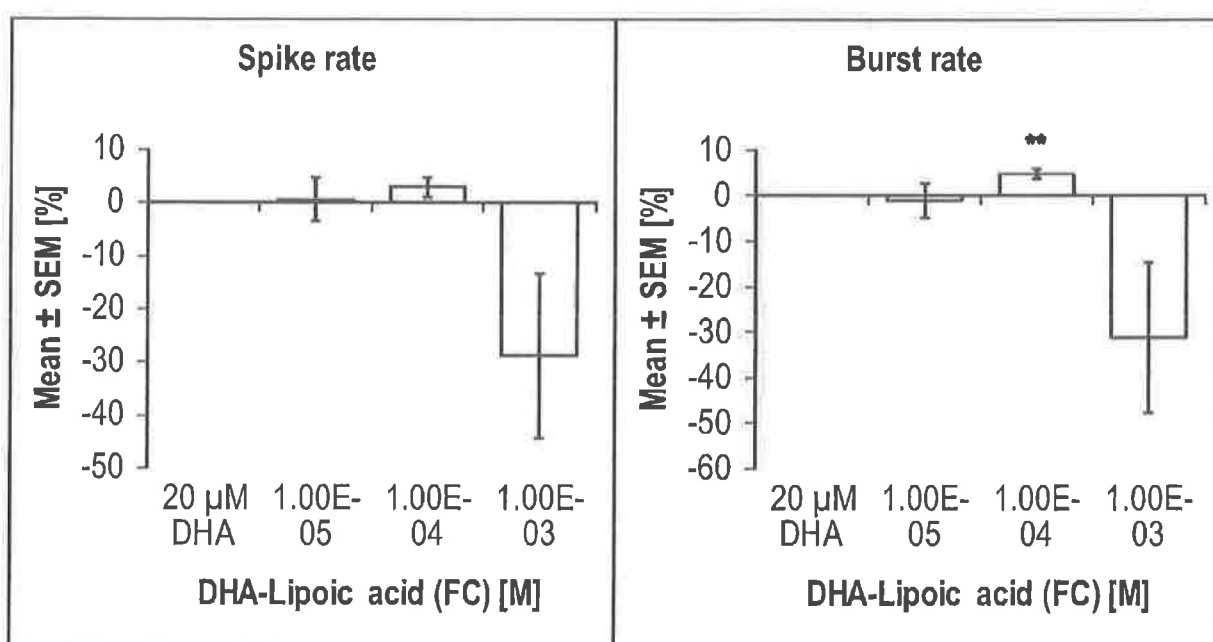
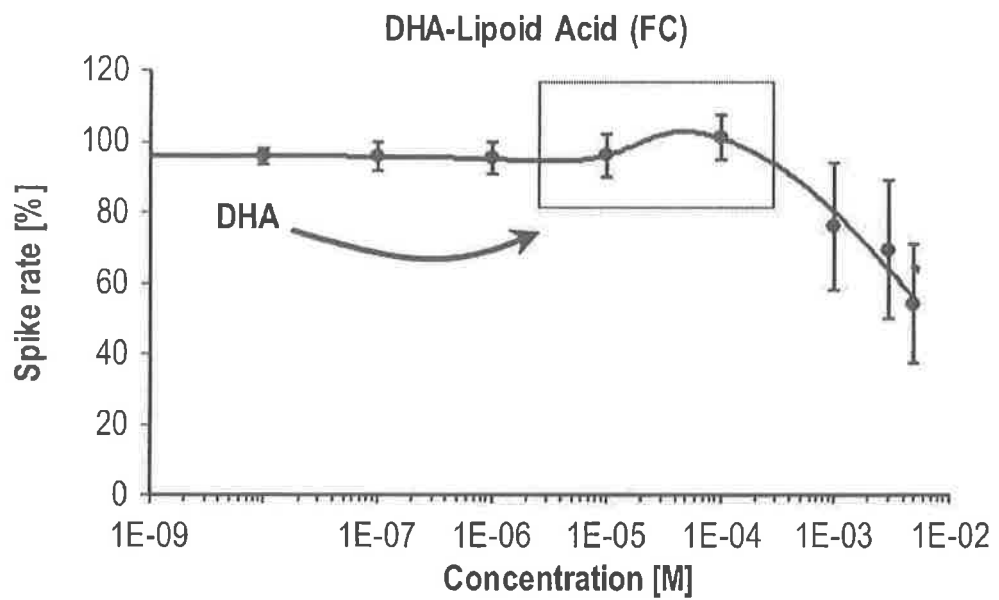
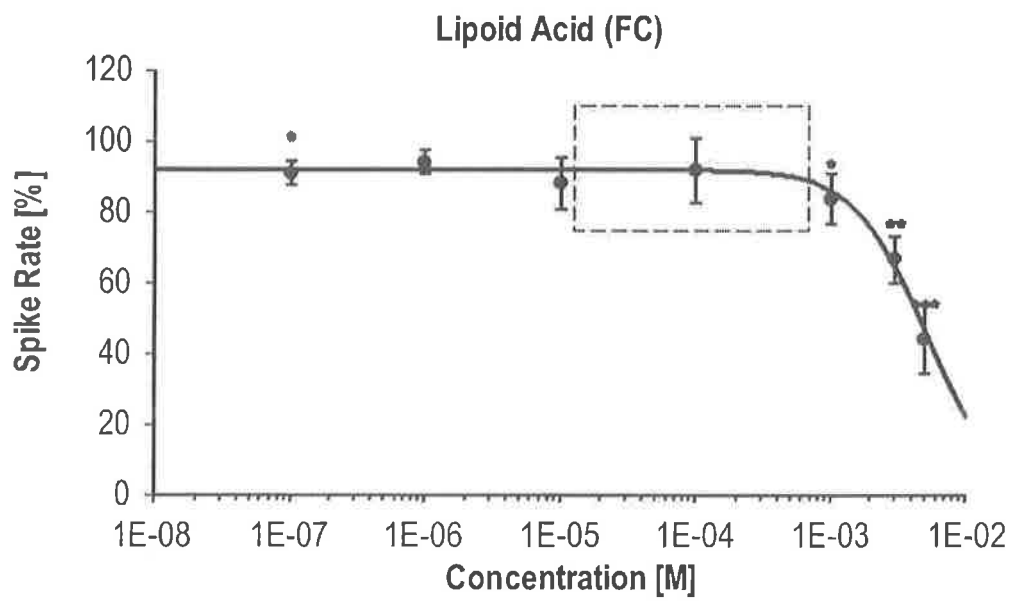


FIG. 12A

*FIG. 12B*

*FIG. 13A**FIG. 13B*

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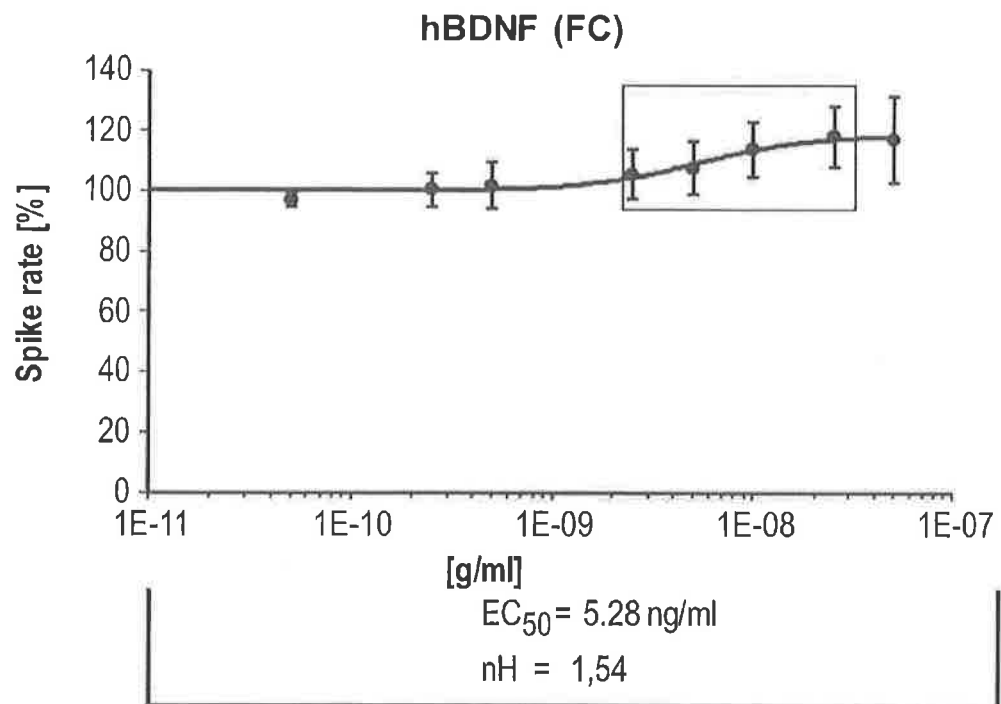


FIG. 13C

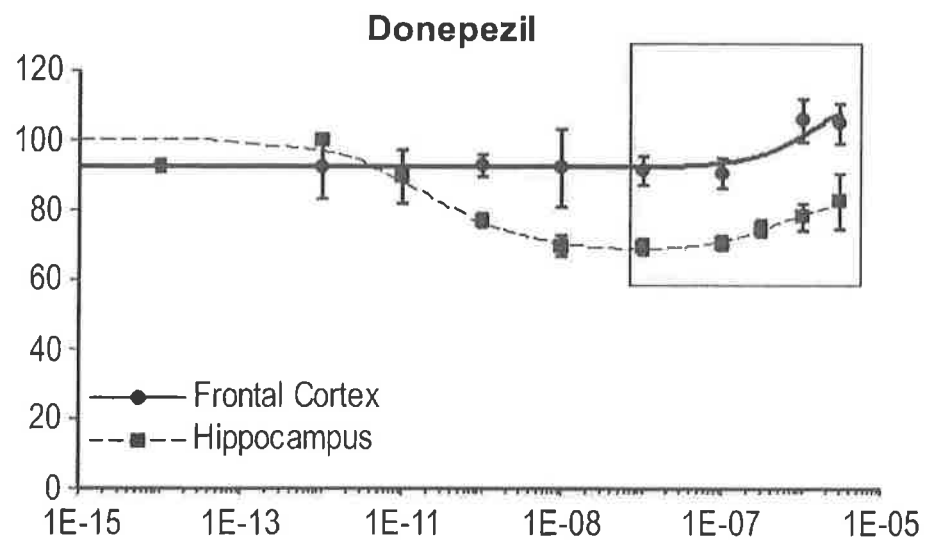


FIG. 13D

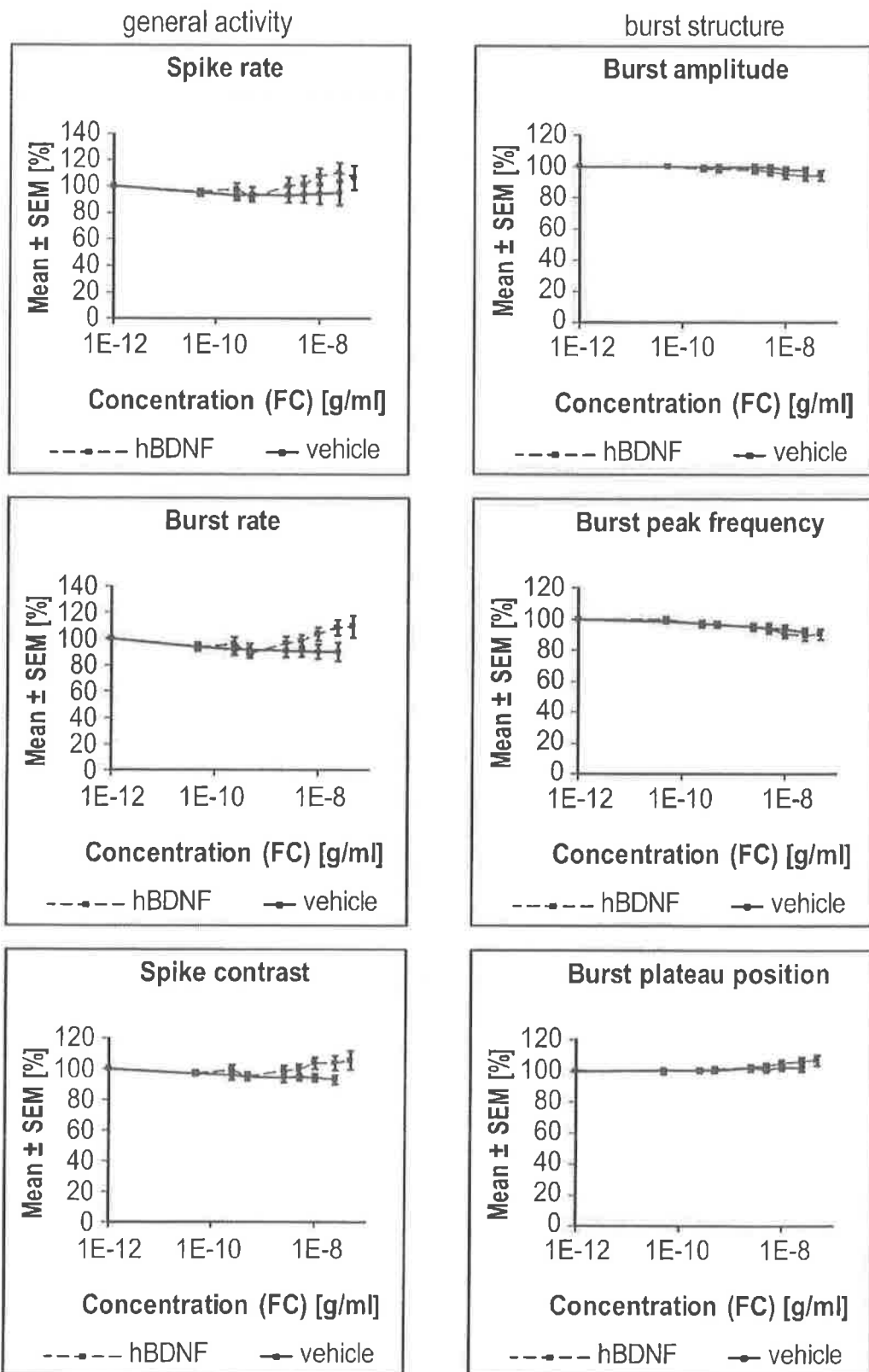


FIG. 14A

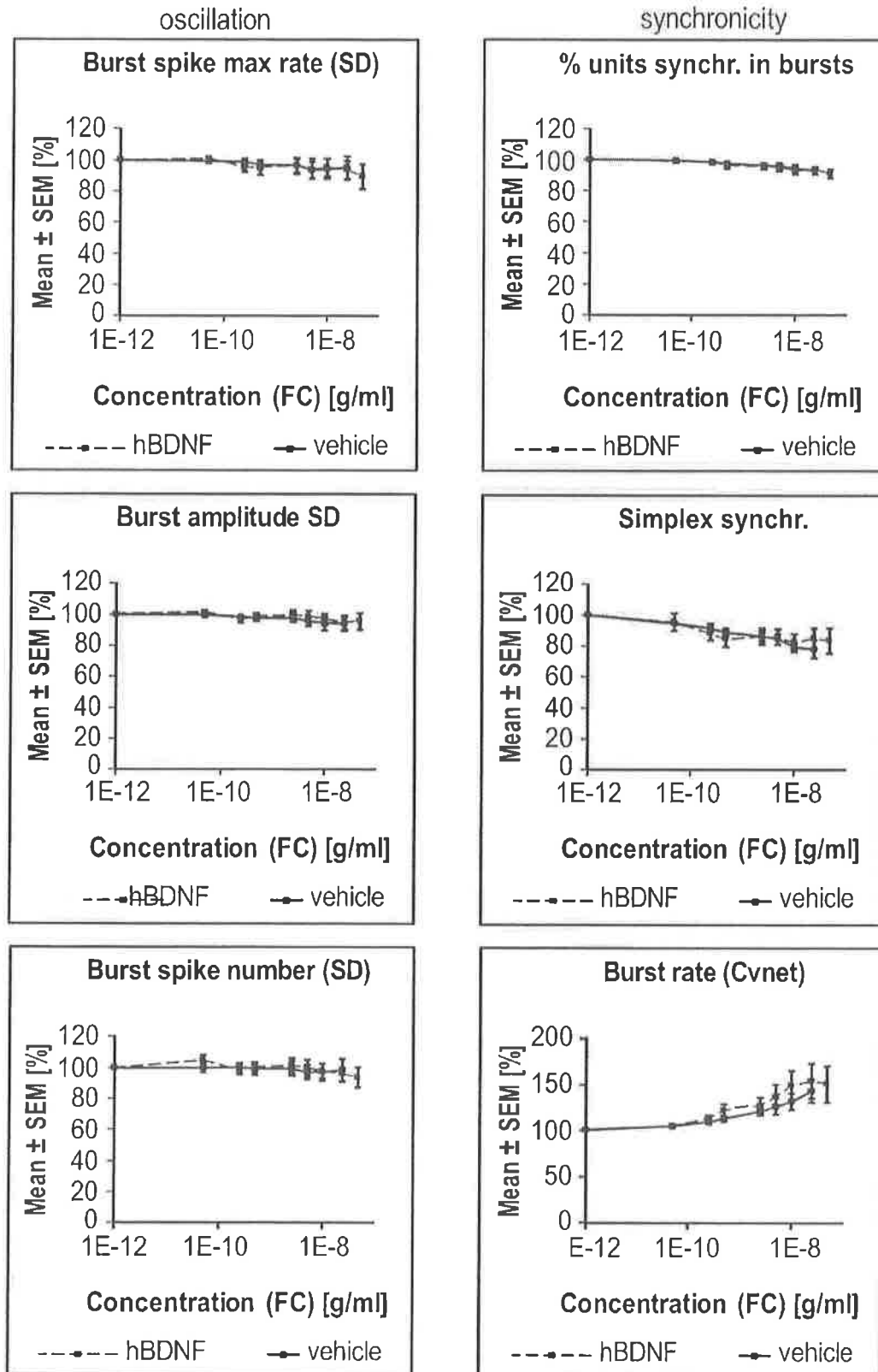


FIG. 14B

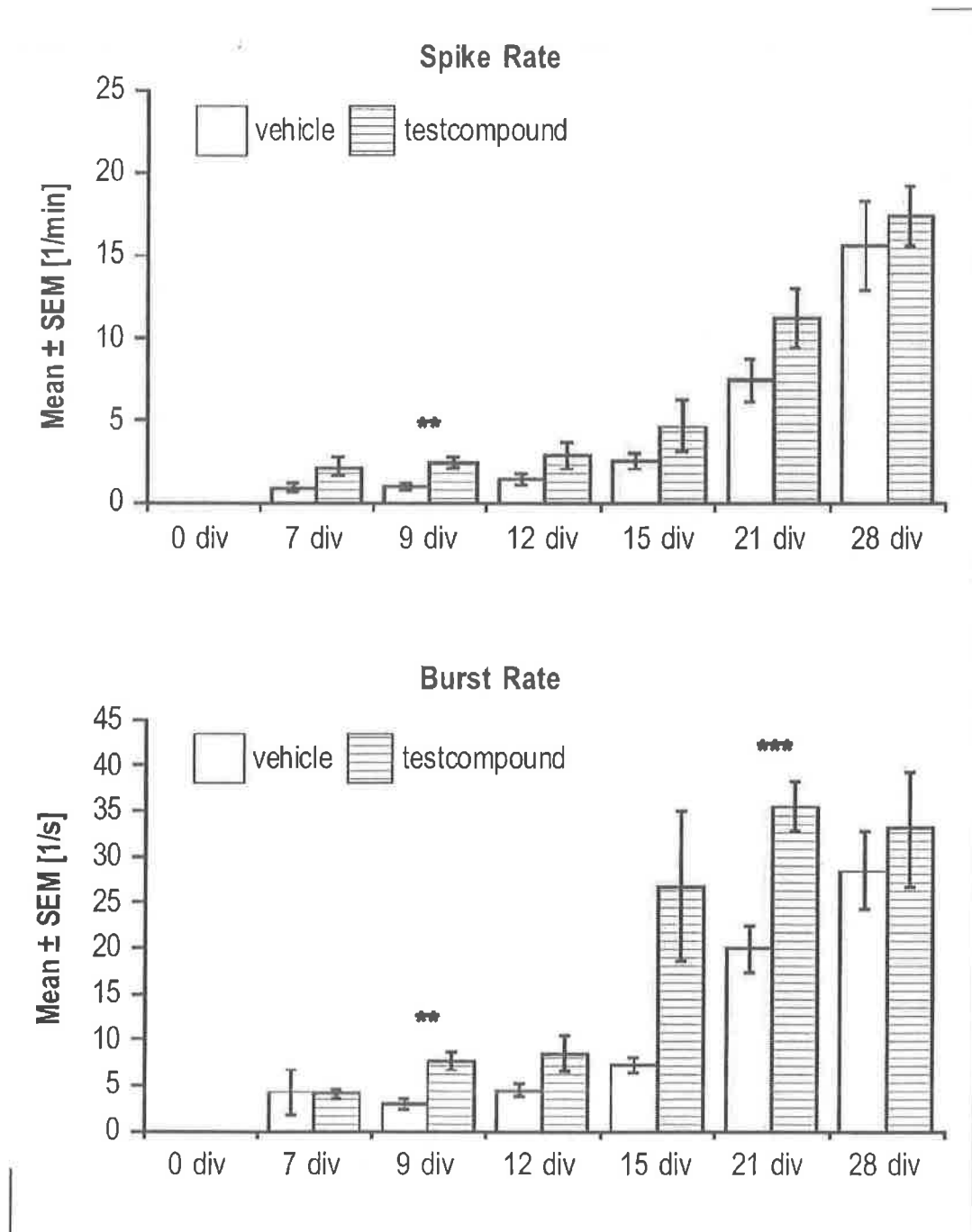


FIG. 15