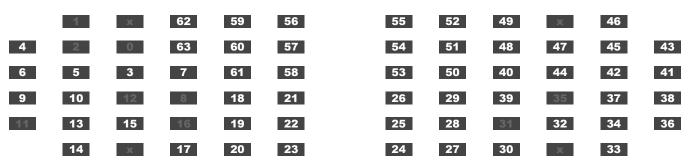
General Info

Experiment ID: ex100920_2SpOT.3 Date of Culture: 27 Aug 2010 Type of Culture: 2 Spinal Organotypic Date of Lesion: 31 Aug 2010 Treatment: none Date of Recording: 20 Sep 2010

Recording Settings

Recording Channels: 3,4,6,7,9,10,13,15,17,18,19,20,21,22,23,24,25,26,27,28,29,32,33,34, 35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63



These channels look great! One of the first ones in a while where I've had more activity on left side than right.

Culture-MEA Photograph

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Details

Unless otherwise noted, all recordings were 10min long and saved in the directory D:/mingfaifong/experiments/ex100920_2SpOT.3/

Real Time	Treatment	Filename	Notes			
	normal extracellular solution	DATA0.SCL	highly correlated			
	normal extracellular solution	DATA01.SCL	lots of post-burst oscillations on left side			
	luM strychnine, 10uM gabazine	DATA02.SCL	lost channel 10; seems like left bursts almost always are followed by right side bursts, but not so much vice versa			
20:15-20:25	luM strychnine, 10uM gabazine, 10uM CNQX, 50uM APV	DATA03.SCL	lost several more left side channels (4, 6, 9, 3, 10)			

Screenshots

Screenshots	
DATA0 left burst followed by	0.6-
right burst	0.5- 0.4-
	-0.1-
DATAO	35600 35620 356400 356600 35600 37600 377200 377600 37600 37600 37600 33600 33600 33600 33600 337600 337600 337600 33600 36000 40000 40000 4000 4000 40
right burst followed by left burst	0.5-
DATA01	
left burst followed by ripple-like	22- Will be and the second of the second
oscillations	
	0.2- 4115000 4419400 4419600 4420200 442000 442000 4421400 4422400 4412400 4416400 4416600 4417200 4417200 4419600 4419600 4419600 4419600
DATA02 large left burst	
followed by right side burst	
DATA02	
<pre>small left burst followed by right side burst</pre>	
burst	
DATA03	" ¹² 322000 7326400 7326400 7327200 7327400 7328000 7328400 7328400 7328400 7329400 7329400 7329400 7330600 7331000 7331400 7332400 0.3-
no synaptic activity	0.2-
	0.2.7 117586000 12586000 12586000 12586000 12596000 125

NOTE: voltage and time scales are identical for each plot