

General Info

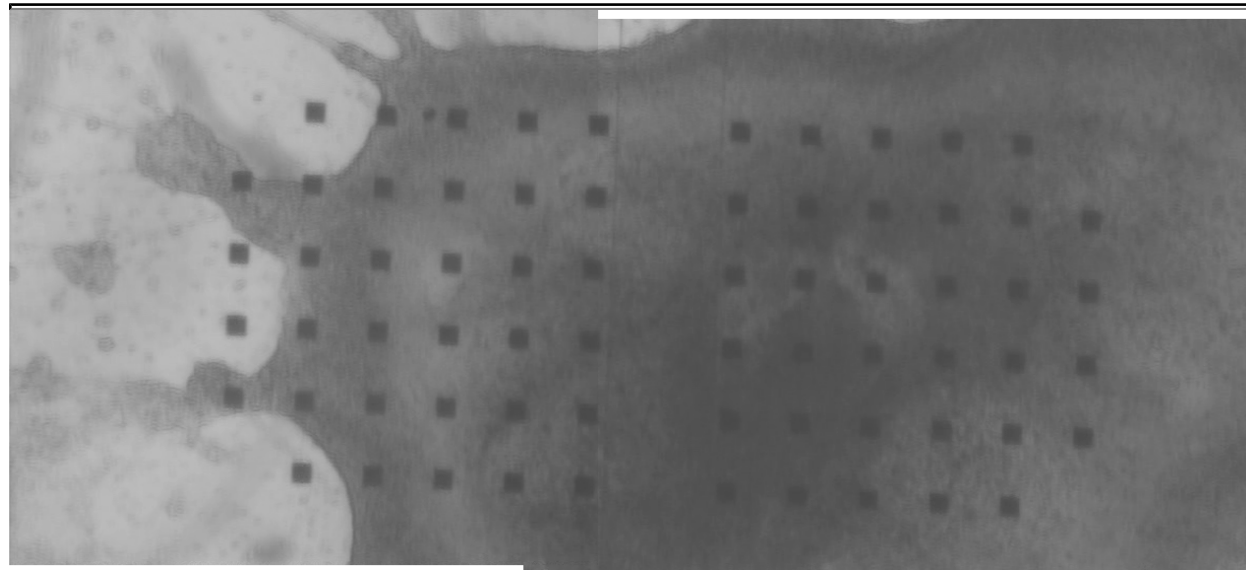
Experiment ID: ex100922_2SpOT.6
 Date of Culture: 18 Aug 2010
 Type of Culture: 2 Spinal Organotypic
 Drug Applied: TTX
 Date & Time Applied: 21-Sep-2010, 15:00
 Date & Time of Recording: 22-Sep-2010, 17:50

Recording Settings

Recording Channels: 2, 3, 4, 5, 7, 8, 10, 11, 12, 13, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 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

	1	x	62	59	56		55	52	49	x	46	
4	2	0	63	60	57		54	51	48	47	45	43
6	5	3	7	61	58		53	50	40	44	42	41
9	10	12	8	18	21		26	29	39	35	37	38
11	13	15	16	19	22		25	28	31	32	34	36
	14	x	17	20	23		24	27	30	x	33	

Culture-MEA Photograph



Details

Unless otherwise noted, all recordings were 10min long and saved in the directory D:/mingfaifong/experiments/ex100922_2SpOT.6/

Real Time	Treatment	Filename	Notes
17:50-18:00	0.5uM TTX	DATA0.SCL	channels look great!
	0.5uM TTX	DATA01.SCL	
	normal extracellular solution	DATA02.SCL	three rigorous washes seems to do the trick. each time i exchanged out all solution ~5x and let it sit for 7-10min. lost channels 39,40,41 after first wash but they came back after taking off, rinsing, and

			replacing. again, just for good measure, i'll do a fourth wash, wait five minutes, and then record. activity looks good. left side channels get progressively more drift.
	normal extracellular solution	DATA03.SCL	