

General Info

Experiment ID: ex100906_2SpOT.2
Date of Culture: 30 Jul 2010
Type of Culture: 2 Spinal Organotypic
Date of Lesion: 19 Aug 2010
Treatment: Rolipram
Date of Recording: 06 Sep 2010

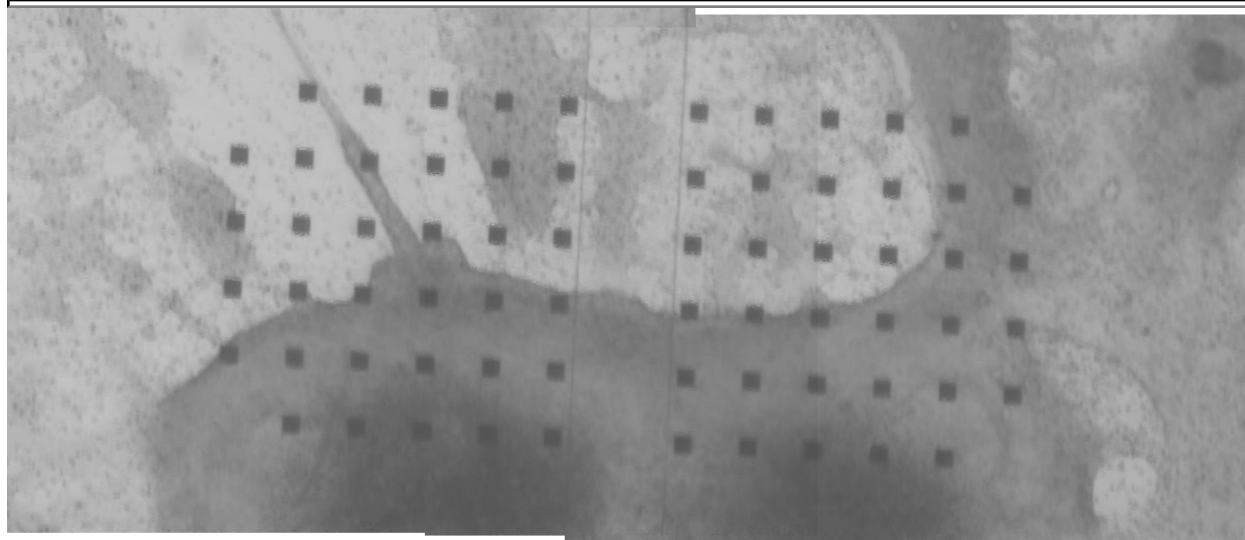
Recording Settings

Recording Channels:

8, 13, 14, 15, 16, 17, 18, 19, 20, 21, 23, 24, 25, 27, 28, 29, 30, 32, 33, 34, 35, 36, 37, 38

	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



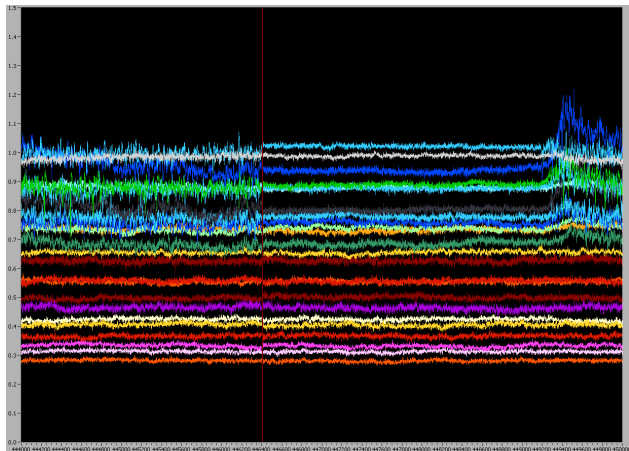
Details

Unless otherwise noted, all recordings were 10min long and saved in the directory D:/mingfaifong/experiments/ex100906_2SpOT.2/

Real Time	Treatment	Filename	Notes
12:40-12:50	normal extracellular solution	DATA0.SCL	not many channels due to position of slice, but those remaining look great; no synchrony between sides; some ugly 60Hz at beginning of record
12:50-13:00	normal extracellular solution	DATA01.SCL	no synchrony
13:13-13:23	1uM strychnine, 10uM gabazine	DATA02.SCL	beautiful bursts, no synchrony
13:29-13:39	1uM strychnine, 10uM gabazine, 10uM CNQX, 50uM APV	DATA03.SCL	

Screenshots

burst on left (gabazine + strychnine)



burst on right (gabazine + strychnine)

