

TABLE 1

**FROM:**  
**Gene expression analysis of bipolar disorder reveals downregulation of the ubiquitin cycle and alterations in synaptic genes**  
M M Ryan, H E Lockstone, S J Huffaker, M T Wayland, M J Webster and S Bahn  
**Table 1. Summary of patient demographics for samples that passed quality control procedures**

Demographic variable	Bipolar	Control	P-value <sup>†</sup>
(a) Orbitofrontal cortex group			
Number of samples	10	11	
Age (years)	43.5±10.7*	47.8±11.0*	0.374
Gender (F/M)	5/5	4/7	0.670
Age onset (years)	20.1±7.5*	N/A	N/A
Duration of illness (years)	22.4±10.2*	N/A	N/A
Brain pH	6.17±0.25*	6.31±0.22*	0.187
PMI (hours)	33.8±18.5*	23.1±9.6*	0.124
Side of brain (L/R)	5/5	6/5	1.000
Fluphenazine mg. Equivalents	23540±24331*	0±0*	0.014
Lithium treatment (Y/N) <sup>a</sup>	3/7	0/11	
Valproate (Y/N) <sup>a</sup>	3/7	0/11	
ECT history (Y/N)	3/7	0/11	
Suicide (Y/N)	6/4	0/11	
Drug abuse (none or light/moderate to severe)	5/5	11/0	
Alcohol abuse (none or light/moderate to severe)	5/5	10/1	
(b) Dorsolateral prefrontal cortex group			
Number of samples	30	31	
Age (years)	44.5±10.7*	43.8±7.3*	0.769
Gender (F/M)	14/16	7/24	0.062
Age onset (years)	24.0±7.9*	N/A	N/A
Duration of illness (years)	20.5±10.0*	N/A	N/A
Brain pH	6.48±0.27*	6.62±0.27*	0.031
PMI (hours)	37.2±17.7*	29.1±13.1*	0.047
Side of brain (L/R)	18/12	14/17	0.309
Fluphenazine mg. Equivalents	11 283±24 624*	0±0*	0.020
Lithium treatment (Y/N) <sup>a</sup>	8/22	0/31	
Valproate (Y/N) <sup>a</sup>	10/20	0/31	
ECT history (Y/N)	2/28	0/31	
Suicide (Y/N)	12/18	0/31	

Drug abuse (none or light/moderate to severe)	N/A	N/A	
Alcohol abuse (none or light/moderate to severe)	13/17	27/4	

\* Mean±s.d.

† *t*-test used for metric variables; Fisher's exact test used for nominal variables.

<sup>a</sup> In the OFC and DLPFC respectively, 0 and 3 patients were treated with both lithium and valproate.

Abbreviations: ECT, electroconvulsive therapy; PMI, post-mortem interval.



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