CORRIGENDA

Imaging dopamine transmission in the frontal cortex: a simultaneous microdialysis and [¹¹C]FLB 457 PET study

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Following publication of the above article, the authors noticed an omission in the Disclaimer section and several errors in Table 3. The complete Disclaimer appears below:

The content is solely the responsibility of the authors and does not necessarily represent the official views of the NIDA, the NIAAA, the National Institutes of Health, or the Veterans Administration (VA).

In Table 3, some of the values in the far-right column of the section for the 0.5-mg kg⁻¹ dose did not appear in the correct row. The corrected table appears below:

Table 3. Amphetamine-induced change in [¹¹ C]FLB 457 BP _{ND} and dialysate DA in frontal cortex							
Amphetamine dose	Animal	PET baseline BP _{ND}	AMPH BP _{ND}	Δ BP _{ND} (%)	Microdialysis baseline DA ^a (nM)	Δ Peak DA (%)	Δ Average DA (%)
0.3 mg kg ⁻¹	A	0.85	0.73	− 14	0.53	837	671
PET: n = 7 experiments/4 animals	C	0.96	0.91	− 5	—	—	—
MD: n = 4 experiments/4 animals	C	0.97	0.86	− 11	0.27	1100	924
	D	0.89	0.89	+ 1	0.47	707	522
	D	0.65	0.60	− 7	—	—	—
	E	0.81	0.82	+ 2	—	—	—
	E	0.97	0.91	− 6	—	—	—
	E	—	—	—	0.39	1352	941
Mean ± s.d.		0.87 ± 0.12	0.82 ± 0.11	− 5.9 ± 5.5	0.42 ± 0.11	999 ± 286	765 ± 203
0.5 mg kg ⁻¹	A	0.97	0.81	− 17	0.51	1239	871
PET: n = 9 experiments/5 animals	A	0.78	0.64	− 18	0.23	1500	1178
MD: n = 9 experiments/4 animals	B	0.83	0.69	− 17	—	—	—
	C	1.03	0.86	− 16	0.28	1048	745
	C	0.96	0.79	− 19	0.07	1110	856
	D	0.82	0.73	− 11	0.21	1249	996
	D	0.77	0.63	− 18	0.17	2123	1777
	E	1.01	0.94	− 7	0.26	1470	1254
	E	1.17	0.99	− 16	—	—	—
	E	—	—	—	0.20	1589	917
	E	—	—	—	0.45	550	441
Mean ± s.d.		0.93 ± 0.13	0.79 ± 0.13	− 15.5 ± 3.8	0.27 ± 0.14	1320 ± 432	1004 ± 375
1 mg kg ⁻¹	A	0.87	0.68	− 22	0.23	1365	1027
PET: n = 4 experiments/3 animals	A	0.87	0.67	− 24	0.11	3670	2996
MD: n = 5 experiments/3 animals	A	—	—	—	0.20	3200	2602
	B	0.88	0.66	− 24	0.23	1543	1241
	D	0.81	0.60	− 26	0.38	1997	1608
Mean ± s.d.		0.86 ± 0.03	0.65 ± 0.04	− 23.9 ± 1.7	0.23 ± 0.10	2355 ± 1026	1895 ± 863

Abbreviations: AMPH, amphetamine; BP, binding potential; DA, dopamine; MD, microdialysis; PET, positron emission tomography.

^aMean values of n = 3 to 4 baseline dopamine samples from − 30 to 0 min before amphetamine.