

# Supplementary Materials: Head-to-Head Study of Developmental Neurotoxicity and Resultant Phenotype in Rats: $\alpha$ -Hexabromocyclododecane *versus* Valproic Acid, a Recognized Model of Reference for Autism Spectrum Disorders

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**Table S1.** Effects of maternal exposure to  $\alpha$ -HBCDD (100ng/kg/day) or VPA (600mg/kg) in the water escape pole climbing (WESPOC) test at PND20. Results expressed by mean  $\pm$  S.E.M. PND = post-natal day.

	Control	$\alpha$ -HBCDD (100 ng/kg/day)	VPA (600 mg/kg)	F (2,58)	p
Time to perform the test (s)	28.5 $\pm$ 4.5	40.12 $\pm$ 10.5	25.9 $\pm$ 3.2	0.532	0.766
Successful pups (%)	100	96	100		
<b>Time to perform the different phases of the test (s)</b>					
Swimming into the pool	9.7 $\pm$ 1.1	13.5 $\pm$ 5.3	8.3 $\pm$ 1.3	0.481	0.621
Climbing the metal rod	22.9 $\pm$ 5.1	25.8 $\pm$ 8.2	17.6 $\pm$ 2.5	0.38	0.685
Landing the platform	198.1 $\pm$ 12.4	192.8 $\pm$ 12.4	213.1 $\pm$ 3.3	1.908	0.157