

## CORRIGENDUM

### Effect of Zinc Deficiency on the Biosynthesis of Phosphatidylcholine in Rat Microsomes

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The table on the following two pages is a corrected version of the one that appeared in *Biological Trace Element Research*, vol. 6, October, 1984 on pp. 398 and 399.

TABLE 1  
Effect of Zinc Deficiency on Microsomal Phosphatidylcholine Biosynthesis in Liver, Brain, Spleen, and Pancreas of Male Rats<sup>1</sup>

Tissue treatment	Days deficient	No. of animals	No. of samples	Specific activity, pmol phosphatidylcholine formed/min/mg microsomal protein			
				Phosphatidyl-ethanolamine methyltransferase	Phosphatidylmethylethanolamine methyltransferase	Choline phosphotransferase	Liver
<i>Ad-lib</i> controls		6	6	99.8 ± 21.1	1956.4 ± 255.0	24,110 ± 3,410	
Pair-fed controls		6	6	114.6 ± 17.6	1463 ± 309.8	28,170 ± 600	
Zinc deficient	21	6	6	176.5 ± 18.3 <sup>a, e, f</sup>	1962.3 ± 382.3 <sup>b, g</sup>	27,330 ± 9,410 <sup>a, e</sup>	
							Brain
<i>Ad-lib</i> controls	12	12	33.89 ± 3.42	188.0 ± 43.2	1238.3 ± 75.1		
Pair-fed controls	12	12	38.42 ± 5.08	140.7 ± 23.1 <sup>i</sup>	831.9 ± 114.5 <sup>i</sup>		
Zinc deficient	21	12	28.13 ± 3.74 <sup>a, e</sup>	139.2 ± 28.1 <sup>a, e</sup>	817.1 ± 138.3 <sup>a, e</sup>		

	<i>Spleen</i>			<i>Pancreas</i>		
<i>Ad-lib</i> controls	14	7	39.7 ± 6.7	44.6 ± 7.8	442.8 ± 35.2	
Pair-fed controls	13	6	64.7 ± 13.1 <sup>a</sup>	86.7 ± 13.8 <sup>a</sup>	372.5 ± 59.6 <sup>a</sup>	
Zinc deficient	15	13	62.5 ± 11.7 <sup>a,e</sup>	77.1 ± 16.6 <sup>a,e</sup>	331.0 ± 26.8 <sup>a,c</sup>	
<i>Ad-lib</i> controls	9	9	68.6 ± 12.2	200.3 ± 40.2	368.3 ± 67.8	
Pair-fed controls	10	4	82.3 ± 11.7	193.6 ± 34.5	323.1 ± 35.5	
Zinc deficient	45	9	101.9 ± 17.7 <sup>a,e</sup>	207.8 ± 47.7	207.9 ± 69.1	

<sup>a</sup>Values (followed by standard deviations) are the mean of duplicate determination. *Ad libitum* (*Ad-lib*). Anova was significant.

<sup>a</sup> $P < 0.01$ ; <sup>b</sup> $P < 0.05$ . Scheffé contrasts between zinc deficient values and ad-lib controls:  $P < 0.001$ ; <sup>c</sup> $P < 0.05$ ;

<sup>d</sup> $P < 0.01$ . Scheffé contrasts between zinc deficient and pair-fed controls:  $P < 0.001$ ; <sup>e</sup> $P < 0.05$ ; <sup>f</sup> $P < 0.01$ . Scheffé contrasts between pair-fed and ad-lib controls: <sup>g</sup> $P < 0.03$ .