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# Corrigendum: Cinical, Metabolic, and Genetic Analysis and Follow-Up of Eight Patients With *HIBCH* Mutations Presenting With Leigh/Leigh-Like Syndrome

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## Cinical, Metabolic, and Genetic Analysis and Follow-Up of Eight Patients With HIBCH Mutations Presenting With Leigh/Leigh-Like Syndrome

by Wang J., Liu Z., Xu M., Han X., Ren C., Yang X., Zhang C., Fang F. (2021). Front. Pharmacol. 12: 605803. doi: 10.3389/fphar.2021.605803

In the original article, there was a mistake in the legend for Figure 3 as published. The word "23HD2MB" in the last sentence of the legend was misspelled, and it should be "23DH2MB."

Furthermore, there was a mistake in the positions of **Figures 5**, **6** as published. The positions of **Figures 5**, **6** are misplaced, and they should be interchanged. The corrected **Figures 5**, **6** appear below.

The reference for "Charng et al., 2016" was incorrectly written as "Charng, W., Karaca, E., Akdemir, Z. C., Gambin, T., Atik, M. M., Gu, S., et al. (2016). A phenotypically severe, biochemically "silent" case of HIBCH deficiency in a newborn diagnosed by rapid whole exome sequencing and enzymatic testing. Am. J. Med. Genet. 182 (4), 780–784. 10.1002/ajmg.a.61498." It should be "Charng, W., Karaca, E., Akdemir, Z. C., Gambin, T., Atik, M. M., Gu, S., et al. (2016). Exome sequencing in mostly consanguineous Arab families with neurologic disease provides a high potential molecular diagnosis rate. BMC Med. Genomics 9 (1), 42. 10.1186/s12920-016-0208-3."

Additionally, there was a mistake in **Table 2** as published. The forms of the first row of **Table 2** were incorrectly shifted to the left as a whole. The corrected **Table 2** appears below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

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### TABLE 2 | Metabolite results of extensive investigations of eight patients with HIBCH mutations.

	C4-OH (0.00–0.26 µmol/L)			23DH2MB (0.0005–0.0029)		SCPCM (<0.624 µmol/ mmol Cr)		Lactic acid	
	Peak phase	Recovery phase	Neonatal period	Peak phase	Recovery phase	Peak phase	Recovery phase	Blood (0.5–2.2 mmol/L)	CSF (1.0–2.78 mmol/L)
Patient 1	0.200	_	_	0.0045↑	_	_	_	1.51	1.46
Patient 2	1.664↑	_	_	0.0715↑	_	8.02↑	_	4.13↑	_
Patient 3	_	0.184	_	_	0.0063↑	_ `	_	1.60	_
Patient 4	0.579↑	0.183	_	_	0.0123	_	2.74↑	0.92	_
Patient 5	0.221	_	_	_	_	_	_	5.23↑	_
Patient 6	0.73↑	0.174	_	0.0032↑	_	2.45↑	_	3.23↑	_
Patient 7	0.485↑	_	_	0.0199↑	_	_ `	_	1.50	_
Patient 8	1.574↑	1.235↑	0.425↑		0.0021	_	-	1.2-2.1	1.50



c, Patients who gave up therapy (Patient 2, 3, 4; n = 3).



FIGURE 6 | Patient 1: MRI performance in the peak and recovery phases. (a1, a2): Initial MRI obtained at age 2 years; hyperintensity on T2WI in the globus pallidus (a1), normal cerebral peduncle (a2). (b1, b2): MRI performed at 4 years 5 months during the acute stage; hyperintensity on T2WI in the globus pallidus with swelling on the left side (b1) and in the left cerebral peduncle (b2). (c1, c2): MRI performed at 6 years 1 month during the recovery stage; only slightly hyperintensity on T2WI in globus pallidus (c1), and Abnormal signal disappeared in the cerebral peduncle (c2).