ERRATA LIST

The errata sheet lists errors and their correction for the doctoral thesis of Mikael Finder titled "Biomarkers and Outcome in Children with Hypoxic Ischemic Encephalopathy", Karolinska Institutet, Stockholm, Sweden, 2021 ISBN 978-91-8016-354-5 printed by Universitetsservice US-AB 2021.

Thesis

SECTION – PAGE – LINE/PART	CORRECTED TEXT IN ITALICS
1.1.3 – 7 – 8	Reference 33 is an unintended duplicate of reference [21]
1.2.1 – 9 – 11	Reference [39] should be included with [40, 41]
1.2.2.2 – 11 – 1	detection *can be* increased to
1.4.1.2 – 15 – 1	age 6-16 *years*
2.1.4 – 17 – 2	for later neurodevelopmental *trajectory and outcome*
3.1.4 – 20 – 5	in need of EEG monitoring *was*
3.2.1.1 – 20 – 7	RNA quality *of BIHIVE1 samples* were
3.2.1.1 – 20 – 17	*2* μl RNA
3.2.2.1 – 21 – 8	blocks of varying size*s* of two *or* four
4.2 – 31 – Table 5	ASM administered without *any* seizure
7 – 46 – 5	where both temperature intervals *will be* achieved

Articles

PAPER – SECTION – LINE/PART	CORRECTED TEXT IN ITALICS
Paper I – Abstract – 3	*messenger* ubiquitin C-terminal hydrolase-L1 (*m*UCH-L1)
Paper I – Introduction – 5	A reference to Lawn, J.E., et al., *4 million neonatal deaths: when? Where? Why?* The Lancet, 2005. **365**(9462): p. 891-900 was inadvertently ommitted.
Paper I – Sample Collection and RNA Extraction – 3	Three *milliliters* of umbilical cord blood
Paper I – Sample Collection and RNA Extraction – 6	The tubes were then agitated for *10* s to ensure
Paper I – miR-181b and mUCH-L1 Analysis – 4	Commercially available primers for hsa-miR-181*b*-5p
Paper I – miR-181b and mUCH-L1 Analysis – 11	using 18*S* as a reference gene
Paper I – Statistical Analysis – 9	between miR-181b and *m*UCH-L1
Paper I – Umbilical Cord Blood miR-181b Expression – 8	RQ expression = 0.76 (IQR = 0.22–1.36) vs 0.58 (0.27–2.20) vs 0.34 (0.21– *0.88*) respectively, p = 0.241
Paper I – Table 1	The columns have been mislabeled. All columns labeled "Validation" should be labeled *Discovery* and vice versa
Paper I – Discussion – 75	one of the largest neonatal *HIE biomarker* studies
Paper II – Results – 28	with seizure*s who were* not identified
Paper III – Introduction – 4	of all *under-five* deaths and 23% of *neonatal* deaths.

Paper III – Introduction – 6	A reference to Lawn, J.E., et al., *4 million neonatal deaths: when? Where? Why?* The Lancet, 2005. **365**(9462): p. 891-900 was inadvertently ommitted.
Paper III – Exposure – 3	*5-minute* Apgar score not exceeding 6
Paper III – Outcome Measurements – 11	within 1 SD *below* the mean
Paper III – Outcome Data – 27	maternal tertiary *education*, sex, and birth weight
Paper III – Outcome Data – 50	in 92.8% (141 of 152*)* of controls
Paper III – Discussion – 10	these 2 patient groups *using Bayley Scales of Infant Development (1969).*
Paper III – Discussion – 11	found no increased risk of *adverse* outcomes
Paper IV – Abstract, Results – 1	Of 66 children eligible for this study, *one was excluded due to a genetic disorder*
Paper IV – Abstract, Results – 2	*Of the remaining 57,* 49 children (86%)
Paper IV – Abstract, Results – 3	(66%) should be removed
Paper IV – Measurements – 4	standardized to a mean (SD) of 100 (15) *with* lower scores *indicating*
Paper IV – Measurements – 7	translated to Swedish *using Swedish* norms.
Paper IV – Results – 36	MDI has been written instead of *CB-III*
Paper IV – Results – 42	"Table 4: Ability of BSITD-III to predict a poor outcome" has inadvertently been added to the text.
Paper IV – Table 1	Parental c*h*aracteristics