



Correction to: Analysis of the Mercury Distribution in Blood as a Potential Tool for Exposure Assessment — Results from Two Artisanal and Small-Scale Gold Mining Areas in Zimbabwe

Anna-Maria Wahl¹ · Stephan Bose-O'Reilly^{1,2,3} · Viola Mambrey¹ · James P. K. Rooney^{1,4} · Dennis Shoko⁵ · Dingani Moyo^{6,7} · Shamiso Muteti-Fana⁸ · Nadine Steckling-Muschack¹ · Stefan Rakete¹

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Correction to: Biological Trace Element Research

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The original version of this article unfortunately contained mistakes.

- Below is the missing second paragraph under the Discussion section

Although the Hg levels in whole blood were lower than what has been found in other ASGM studies, they were still considerably higher than what can be expected in the general population [17,18, 19, 20]. In fact, one third of the participants were above the HBM-I value, which we used as threshold value. However, Hg levels in erythrocytes, plasma, globin, and

albumin have never been analyzed thus far in individuals living and working in ASGM areas. Therefore, comparison of these values with other studies was not possible. Hg levels in globin and albumin were primarily analyzed to evaluate, if these proteins can be used for further investigations, e.g., for proteomic analysis. Although artifacts and loss of Hg during the isolation process cannot be excluded, we found a very strong linear relationship for erythrocytes and globin as well as for plasma and albumin. This indicates that the isolated proteins indeed resemble the Hg levels in erythrocytes and plasma, respectively.

The online version of the original article can be found at <https://doi.org/10.1007/s12011-021-02714-1>.

✉ Stefan Rakete
Stefan.Rakete@med.uni-muenchen.de

¹ Institute and Clinic for Occupational, Social and Environmental Medicine, University Hospital, LMU Munich, Ziemssenstr. 1, 80336 Munich, Germany

² Institute of Public Health, Medical Decision Making and Health Technology Assessment, Department of Public Health, Health Services Research and Health Technology Assessment, UMIT (Private University for Health Sciences, Medical Informatics and Technology), Hall in Tirol, Austria

³ University Children's Hospital Regensburg (KUNO-Clinics), University of Regensburg, Clinic St. Hedwig, Regensburg, Germany

⁴ Academic Unit of Neurology, Trinity Biomedical Sciences Institute, Trinity College Dublin, Dublin, Ireland

⁵ Tailjet Consultancy Services, Harare, Zimbabwe

⁶ School of Public Health, Faculty of Health Sciences, Occupational Health Division, University of the Witwatersrand, Johannesburg, South Africa

⁷ Faculty of Medicine and Faculty of Social Sciences, Midlands State University, Gweru, Zimbabwe

⁸ Department of Community Medicine, UZ College of Health Sciences, Harare, Zimbabwe

- Below is the correct layout for Table 1

Table 1 Demographic details of the study population

Age	N	198	
	Median	38 (18-77)	
	(Min. – Max.		
		N	%
Gender	Males	162	(81.8)
	Females	36	(18.2)
Living Area	Kadoma	128	(64.6)
	Shurugwi	70	(35.4)
Last time Hg	1-2 days	33	(16.7)
	3 days - 4 weeks	38	(19.2)
	> 4 weeks	16	(8.1)
	Missing	111	(56.1)
Exposure Risk Score (Exposure risk factors: Retort use (yes/no). Work clothes at home (no/yes). Hg storage [no (at work/yes (at home]))	0	20	(10.1)
	1	63	(31.8)
	2	59	(29.8)
	3	28	(14.1)
	Missing	28	(14.1)
Fish Consumption	< once a week	41	(20.7)
	> once a week	157	(79.3)

The original article has been corrected.

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