ERRATUM

Erratum to: Internal exposure to neutron-activated ^{56}Mn dioxide powder in Wistar rats—Part 2: pathological effects

Kazuko Shichijo¹ · Nariaki Fujimoto² · Darkhan Uzbekov³ · Ynkar Kairkhanova³ · Aisulu Saimova³ · Nailya Chaizhunusova³ · Nurlan Sayakenov³ · Dariya Shabdarbaeva³ · Nurlan Aukenov³ · Almas Azimkhanov⁴ · Alexander Kolbayenkov⁴ · Zhanna Mussazhanova¹ · Daisuke Niino¹ · Masahiro Nakashima¹ · Kassym Zhumadilov⁵ · Valeriy Stepanenko⁶ · Masao Tomonaga¹ · Tolebay Rakhypbekov³ · Masaharu Hoshi²

Published online: 23 March 2017
© Springer-Verlag Berlin Heidelberg 2017

Erratum to: Radiat Environ Biophys (2017)
56:55–61
DOI [10.1007/s00411-016-0676-z](https://doi.org/10.1007/s00411-016-0676-z)

The author would like to correct the Table 4 in the original publication of the article.

The correct table is given below:

The online version of the original article can be found under doi:[10.1007/s00411-016-0676-z](https://doi.org/10.1007/s00411-016-0676-z).

✉ Nariaki Fujimoto
nfjm@hiroshima-u.ac.jp

¹ Nagasaki University, 1-12-4, Sakamoto, Nagasaki 852-8523, Japan

² Hiroshima University, 1-2-3, Kasumi, Minami-ku, Hiroshima 734-8553, Japan

³ Semey State Medical University, Republic of Kazakhstan, Abay Str., 103, Semey 071400, Kazakhstan

⁴ National Nuclear Center of the Republic of Kazakhstan, Krasnoarmeyskaya Str., 2, Build 54 B, Kurchatov 071100, Kazakhstan

⁵ L.N. Gumilyov Eurasian National University, Munaitpasova Str., 13, Astana 010008, Kazakhstan

⁶ A. Tsyb Medical Radiological Research Center, National Medical Research Radiological Center, Ministry of Health of Russian Federation, Koroleva Str. 4, Obninsk, Kaluga Region 249036, Russia

Table 4 Histological findings in the lung in rats exposed to ^{56}Mn , ^{60}Co and control groups

	Day 3	Day 14	Day 60
Experiment 1			
^{56}Mn			
Hemorrhage	+++	++	+
Emphysema	++	+	+
Inflammation	+++ ^a	++	+
Mn			
Hemorrhage		+	+
Emphysema	+		
Inflammation	+	+	+
^{60}Co			
Hemorrhage			
Emphysema			
Inflammation		+	+
Control			
Hemorrhage	+	+	
Emphysema			
Inflammation	+	+	
Experiment 2			
^{56}Mn			
Hemorrhage	2 (+) ^b	2 (+)	
Emphysema		2 (+)	
Inflammation	3 (+~++)	3 (++)	2 (+)
Mn			
Hemorrhage			
Emphysema			
Inflammation	3 (+)	2 (+)	2 (+~++)
^{60}Co			
Hemorrhage			
Emphysema			1 (+)
Inflammation	3 (+~++)	2 (+)	2 (+)
Control			
Hemorrhage		1 (+)	
Emphysema			
Inflammation	1 (++)	2 (+~++)	2 (+)

^aPathological grades were scored from – to +++^bIncidence and pathological grades (in parenthesis)^cOccasional lymphoid follicles and alveolar wall hypertrophy were noted without significant differences among the exposed and control groups