nanomaterials

MDPI

Correction

Correction: Dulski et al. An Organic–Inorganic Hybrid Nanocomposite as a Potential New Biological Agent. *Nanomaterials* 2020, *10*, 2551

Mateusz Dulski [1,2,*], Katarzyna Malarz [2,3], Michał Kuczak [2,4], Karolina Dudek [5], Krzysztof Matus [6], Sławomir Sułowicz [7], Anna Mrozek-Wilczkiewicz [2,3] and Anna Nowak [8]

1 Institute of Materials Engineering, University of Silesia, 75 Pulku Piechoty 1a, 41-500 Chorzow, Poland
2 Silesian Center for Education and Interdisciplinary Research, 75 Pulku Piechoty 1a, 41-500 Chorzow, Poland; katarzyna.malarz@us.edu.pl (K.M.); mkuczak@us.edu.pl (M.K.); anna.mrozek-wilczkiewicz@us.edu.pl (A.M.-W.)
3 A. Chełkowski Institute of Physics, University of Silesia, 75 Pulku Piechoty 1, 41-500 Chorzow, Poland
4 Institute of Chemistry, University of Silesia, Szkolna 9, 40-007 Katowice, Poland
5 Łukasiewicz Research Network - Institute of Ceramics and Building Materials, Refractory Materials Division in Gliwice, Toszecka 99, 44-100 Gliwice, Poland; karolina.dudek@icimb.lukasiewicz.gov.pl
6 Materials Research Laboratory, Silesian University of Technology, Konarskiego 18a, 44-100 Gliwice, Poland; krzysztof.matus@polsl.pl
7 Institute of Biology, Biotechnology and Environmental Protection, University of Silesia, Jagiellonska 28, 40-032 Katowice, Poland; slawomir.sulowicz@us.edu.pl
8 Institute of Nuclear Physics Polish Academy of Sciences, PL-31342 Krakow, Poland; ana.maria.nowak@gmail.com
* Correspondence: mateusz.dulski@smcebi.edu.pl

Error in Figure

In the original publication [1], there was a mistake in Figure 9, as published. The authors identified an error in the incorrect description of the y-axes' titles. Specifically, in the lower panel of Figure 9b, the axis title "Cell cycle stage [%]" was corrected to "Cellular subpopulations [%]". Similarly, in Figure 9c, the title "Cell cycle stage [%]" was corrected to "ROS level [%]". The corrected Figure 9 appears below. The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.

check for updates

Citation: Dulski, M.; Malarz, K.; Kuczak, M.; Dudek, K.; Matus, K.; Sułowicz, S.; Mrozek-Wilczkiewicz, A.; Nowak, A. Correction: Dulski et al. An Organic–Inorganic Hybrid Nanocomposite as a Potential New Biological Agent. *Nanomaterials* 2020, *10*, 2551. *Nanomaterials* **2024**, *14*, 1626. https://doi.org/10.3390/nano14201626

Received: 23 August 2024
Accepted: 25 September 2024
Published: 11 October 2024

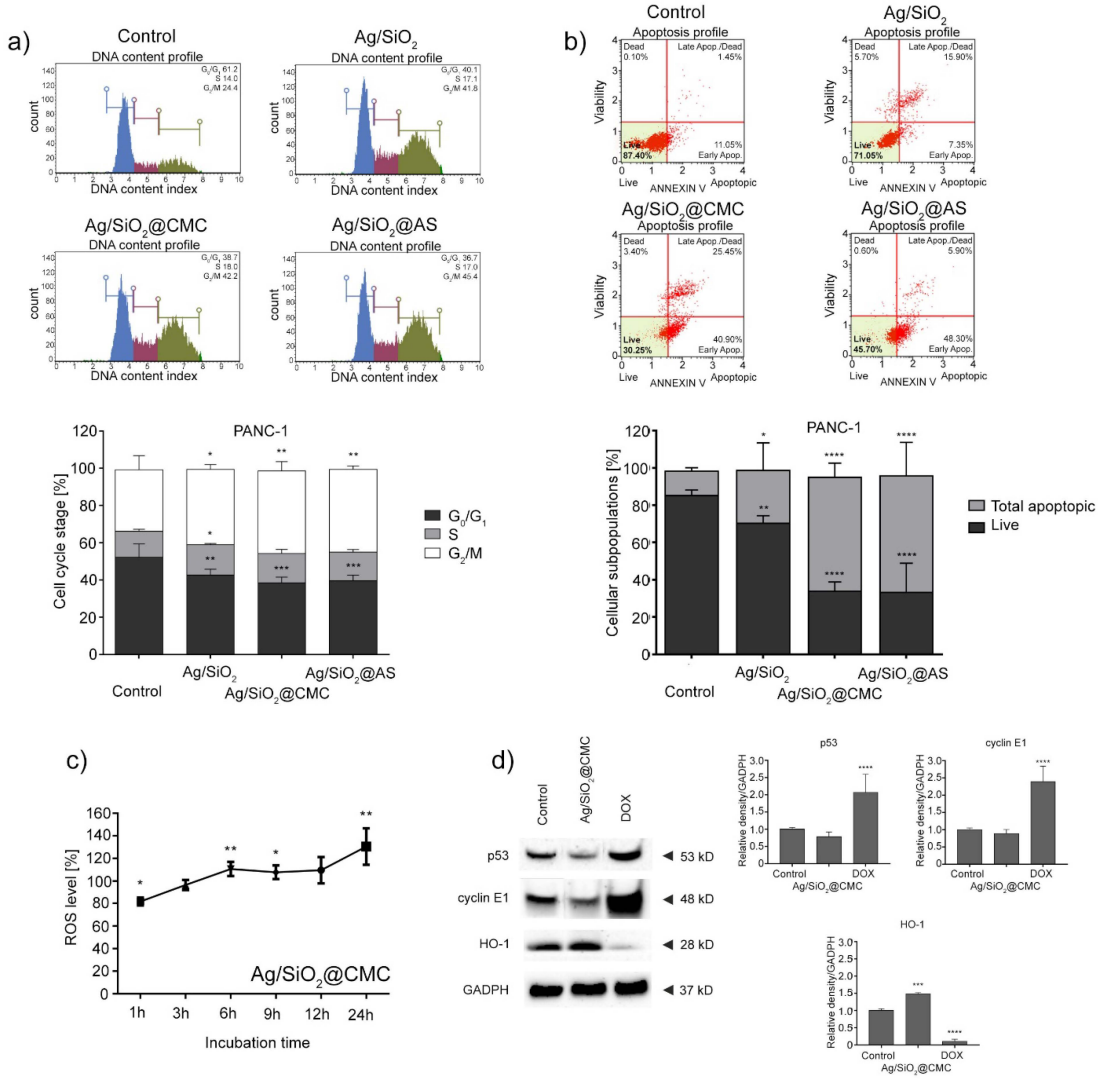

Figure 9. Impact of the tested nanocomposites at a 30 mg/L concentration on regulating the cell cycle (**a**) and inducing apoptosis (**b**) in the PANC-1 cells. Effect of the tested Ag/SiO_2@CMC nanocomposite on the level of reactive oxygen species (ROS) in the PANC-1 cells. Data normalized to the untreated cells (control) (**c**). Impact of Ag/SiO_2@CMC on the expression of the p53, cyclin E1, and HO-1 proteins in the PANC-1 cells. The densitometric analysis of these proteins was normalized to GADPH (**d**). The results from all experiments are shown as the mean ± standard deviation (SD) of three independent measurements. Any statistical differences from the cell cycle, apoptosis, and immunoblotting experiments were analyzed using a one-way ANOVA with Bonferroni's *post-hoc* test. Data from ROS measurements were analyzed using the Student's *t*-test. Statistical significance: * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, **** $p < 0.0001$ compared to the control group.

Reference

1. Dulski, M.; Malarz, K.; Kuczak, M.; Dudek, K.; Matus, K.; Sułowicz, S.; Mrozek-Wilczkiewicz, A.; Nowak, A. An Organic–Inorganic Hybrid Nanocomposite as a Potential New Biological Agent. *Nanomaterials* **2020**, *10*, 2551. [CrossRef] [PubMed]