

Corrigendum to “Prediction of DNA rejoining kinetics and cell survival after proton irradiation for V79 cells using Geant4-DNA” [Phys. Med. 105 (2023) 102508] (Physica Medica (2023) 105, (S1120179722021032), (10.1016/j.ejmp.2022.11.012))

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DOI

[10.1016/j.ejmp.2024.103375](https://doi.org/10.1016/j.ejmp.2024.103375)

Publication date

2024

Document Version

Final published version

Published in

Physica Medica

Citation (APA)

Sakata, D., Hirayama, R., Shin, W. G., Belli, M., Tabocchini, M. A., Stewart, R. D., Brown, J. M. C., Kyriakou, I., Tran, H. N., & More Authors (2024). Corrigendum to “Prediction of DNA rejoining kinetics and cell survival after proton irradiation for V79 cells using Geant4-DNA” [Phys. Med. 105 (2023) 102508] (Physica Medica (2023) 105, (S1120179722021032), (10.1016/j.ejmp.2022.11.012)). *Physica Medica*, 124, Article 103375. <https://doi.org/10.1016/j.ejmp.2024.103375>

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Corrigendum

Corrigendum to “Prediction of DNA rejoining kinetics and cell survival after proton irradiation for V79 cells using Geant4-DNA” [Phys. Med. 105 (2023) 102508]

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The authors regret having incorrectly written in equation (7) that the fraction of surviving cells (SF) is obtained using the natural logarithm of

DOI of original article: <https://doi.org/10.1016/j.ejmp.2022.11.012>.

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<https://doi.org/10.1016/j.ejmp.2024.103375>

Available online 15 May 2024

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the negative value of the number of lethal lesions L_f .

The natural logarithm must be replaced by the exponential function as follows:

$$SF = \exp(-L_f) \quad (7)$$

Although the equation is incorrectly written in the paper, its correct expression has been used in the results of the analysis shown in Figure 4. This error has no impact on the other results and conclusions of the paper.

The authors would like to apologise for any inconvenience caused.