

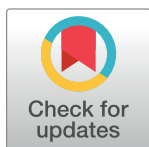
CORRECTION

Correction: A biomimetic approach to shielding from ionizing radiation: The case of melanized fungi

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Fig 2 is incorrect. Specifically, Fig 2A, which depicts the different geometric configurations discussed in the article, plots the axis defining the parameter h_r in reverse and shows the examples of the two extreme “film positions” (marked as $h_r = 0$ and $h_r = 1$ in panel (A)) in the opposite order. The authors have provided a corrected version here.

As a result, in the third paragraph of the subsection “Spatial arrangement of melanin affects shielding effectiveness” in the “Results”, the phrase reading “We repeated the simulations for the aforementioned values of ρ_A for two configurations: melanin ghosts and film with $h_r = 0$.” should be corrected to “We repeated the simulations for the aforementioned values of ρ_A for two configurations: melanin ghosts and film with $h_r = 1$.”.



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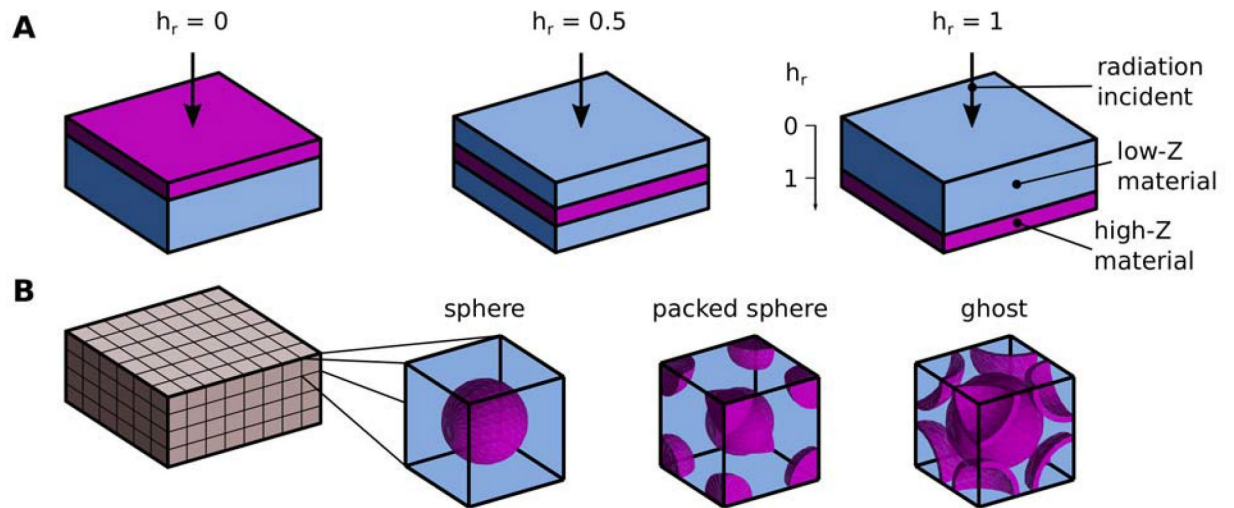


Fig 2. Schematic of the simulated spatial arrangements. (A) Illustrations of the film spatial arrangement, at three relative positions ($h_r = 0$, 0.5 and 1). The direction of the incoming radiation is indicated by the arrow. (B) Illustration of the lattice spatial arrangement for three configurations: sphere, packed sphere and ghost.

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Reference

1. Vasileiou T, Summerer L (2020) A biomimetic approach to shielding from ionizing radiation: The case of melanized fungi. PLoS ONE 15(4): e0229921. <https://doi.org/10.1371/journal.pone.0229921> PMID: 32330147