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Author Correction: MXene/graphene oxide nanocomposites for friction and wear reduction of rough steel surfaces

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Ali Zayaan Macknojia, Aditya Ayyagari, Elena Shevchenko & Diana Berman

Correction to: *Scientific Reports* https://doi.org/10.1038/s41598-023-37844-0, published online 08 July 2023

The original version of this Article contained an error in Figure 1e. Due to a mistake in figure assembly, this panel was inadvertently duplicated from Figure 1c in the work of Macknojia, A. et al.[1] The original Figure 1 and accompanying legend appear below.

The original Article has been corrected.

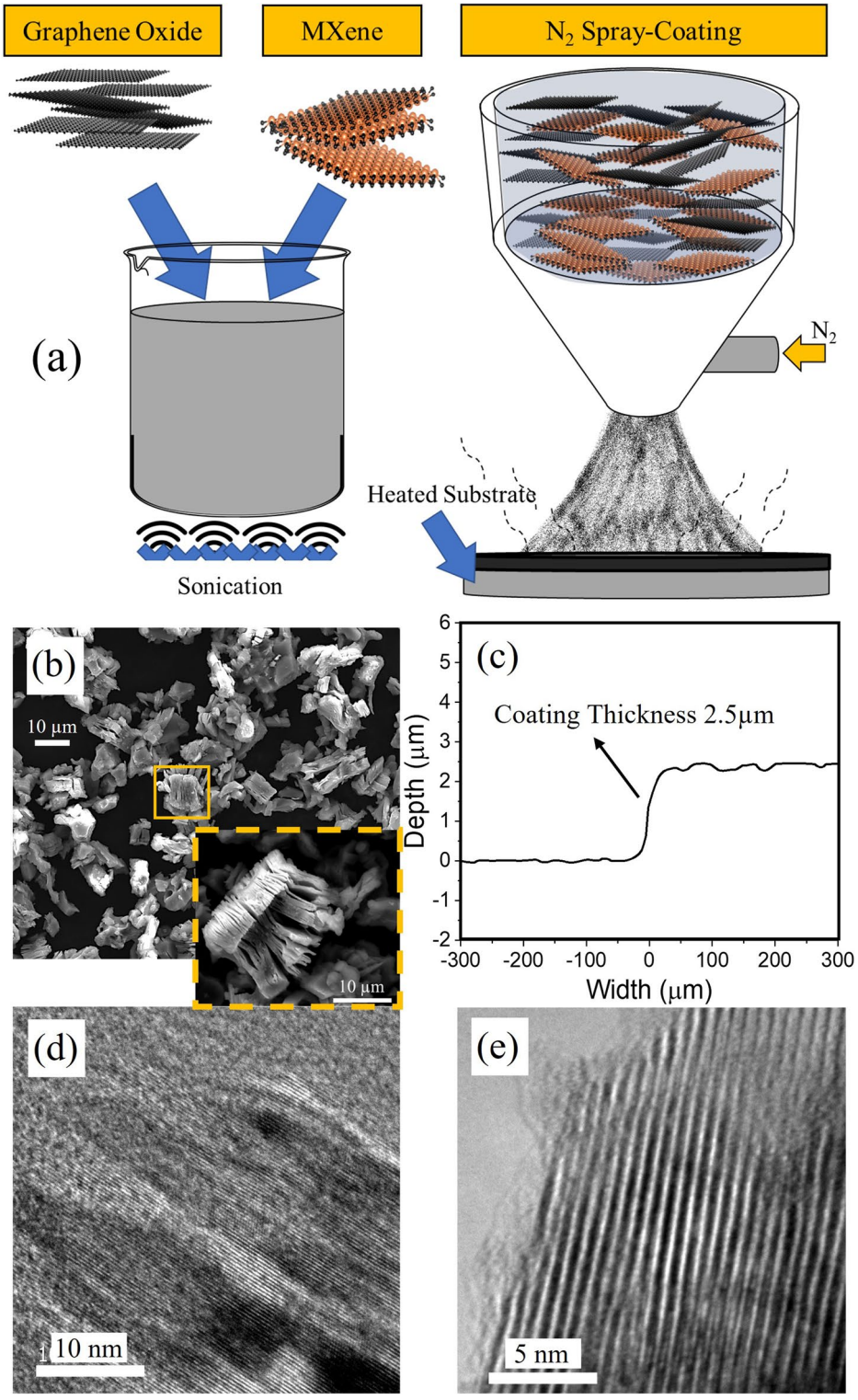

Figure 1. (**a**) Schematic showing synthesis and spray deposition of the lubricants onto the pre-heated steel substrate. (**b**) Scanning electron micrograph showing the morphology of pristine MXenes, inset showing a high magnification image clearly showing accordion-like multi-layer structure (**c**) Coating thickness measured using optical profiler by cutting a step on the substrate. Transmission electron micrographs of (**d**) Graphene Oxide and (**e**) MXene. The lattice parameter calculated from the images is 2.9 Å for Graphene Oxide and 8.2 Å for MXene correspondingly.

Reference

1. Macknojia, A. *et al.* Macroscale superlubricity induced by MXene/MoS2 nanocomposites on rough steel surfaces under high contact stresses. *ACS Nano* **17**, 2421–2430 (2023).