Correction: RU.521 mitigates subarachnoid hemorrhage-induced brain injury via regulating microglial polarization and neuroinflammation mediated by the cGAS/STING/NF-κB pathway

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Following publication of the original article [1], the authors reported an error in Fig. 1A, whereby the western blot band of β-tubulin in Fig. 1A was misused unintentionally, which overlapped with the band in Fig. 4A. This error occurred during the figure preparation.
The incorrect Fig. 1 is:

![Incorrect Figure 1](image1)

**Fig. 1** Expression changes of cGAS and microglial localization. **A, B** Representative Western blot bands of time course and quantitative analysis for cGAS. n = 6 per group. *: P < 0.05, **: P < 0.01, ***: P < 0.001, and ****: P < 0.0001. ns, not significant. **C** Representative images of double immunofluorescence staining for cGAS (green) with microglia (Iba1, red) at 24 h after SAH. Cell nuclei were counterstained with DAPI (blue). Scale bar = 50 μm. n = 6 per group.

The correct Fig. 1 is:

![Correct Figure 1](image2)

**Fig. 1** Expression changes of cGAS and microglial localization. **A, B** Representative Western blot bands of time course and quantitative analysis for cGAS. n = 6 per group. *: P < 0.05, **: P < 0.01, ***: P < 0.001, and ****: P < 0.0001. ns, not significant. **C** Representative images of double immunofluorescence staining for cGAS (green) with microglia (Iba1, red) at 24 h after SAH. Cell nuclei were counterstained with DAPI (blue). Scale bar = 50 μm. n = 6 per group.
Further to this, please note Fig. 1A for β-tubulin related to Fig. 1A in the original supplementary file was also incorrect. The complete updated supplementary file is provided as “Supplementary Material 2” in this correction article.

Supplementary Information
The online version contains supplementary material available at https://doi.org/10.1186/s12964-024-01772-x.

Supplementary Material 2: Uncropped Western blot gel images.

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References

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