

CORRECTION

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

Jiang Shao¹, Yuxiao Meng¹, Kaikun Yuan¹, Qiaowei Wu¹, Shiyi Zhu¹, Yuchen Li¹, Pei Wu¹, Jiaolin Zheng^{2*} and Huaizhang Shi^{1*}

Correction: *Cell Commun Signal* 21, 264 (2023)

<https://doi.org/10.1186/s12964-023-01274-2>

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 online version of the original article can be found at <https://doi.org/10.1186/s12964-023-01274-2>.

*Correspondence:

Jiaolin Zheng

zhengjiaolin82@163.com

Huaizhang Shi

shihuaizhang@hrbmu.edu.cn; huaizhangshi@163.com;

huaizhangshi@126.com

¹Department of Neurosurgery, the First Afliated Hospital of Harbin Medical University, Youzheng Street 23#, Nangang District, Harbin, Heilongjiang Province 150001, China

²Department of Neurology, Second Afliated Hospital of Harbin Medical University, Xuefu Road 246#, Nangang District, Harbin, Heilongjiang Province 150001, China



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The incorrect Fig. 1 is

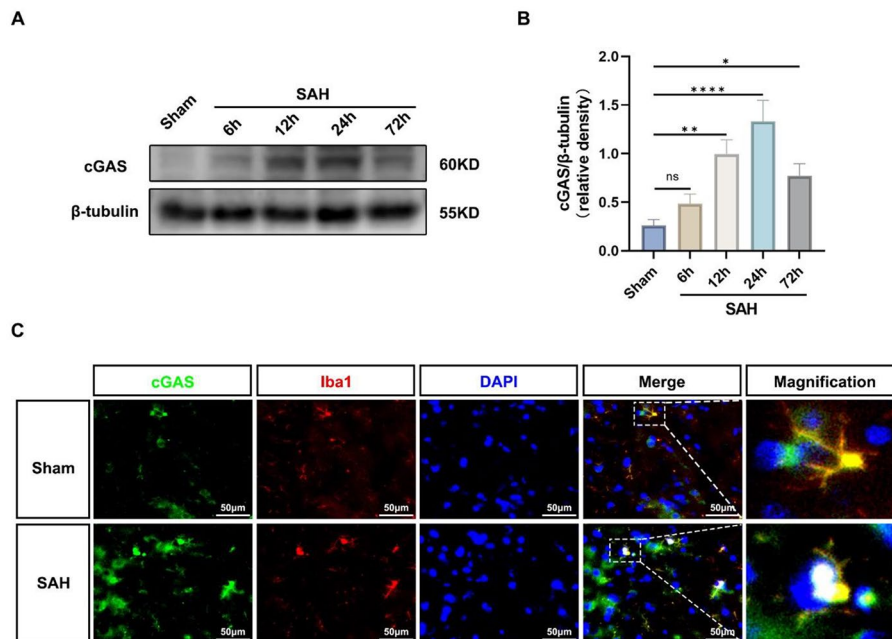


Fig. 1 Expression changes of cGAS and microglial localization. **A, B** Representative Western blot bands of time course and quantitative analysis for cGAS. $n=6$ per group. *: $P<0.05$, **: $P<0.01$, ***: $P<0.001$, and ****: $P<0.0001$. ns, not significant. **C** Representative images of double immunofluorescence 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:

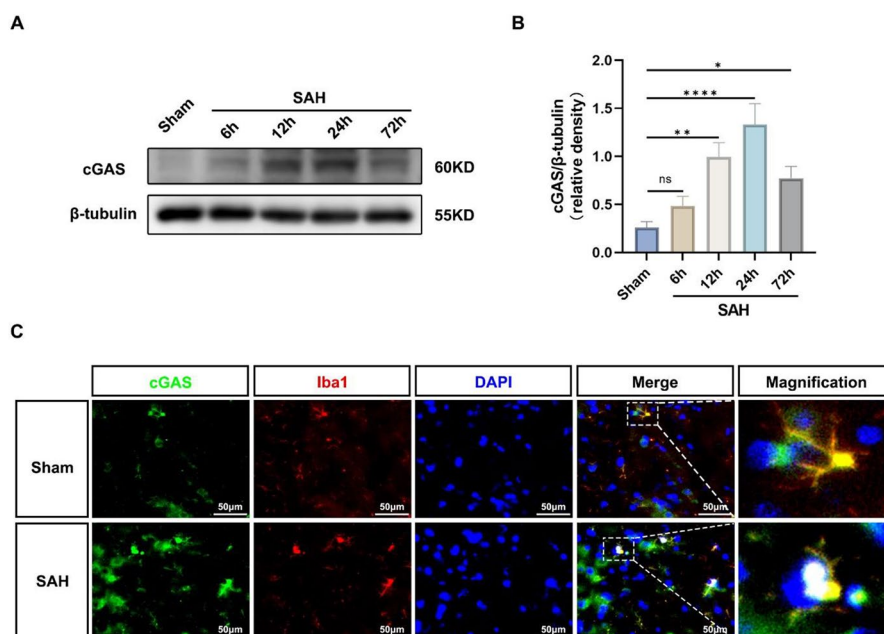


Fig. 1 Expression changes of cGAS and microglial localization. **A, B** Representative Western blot bands of time course and quantitative analysis for cGAS. $n=6$ per group. *: $P<0.05$, **: $P<0.01$, ***: $P<0.001$, and ****: $P<0.0001$. ns, not significant. **C** Representative images of double immunofluorescence staining 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 2 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.

References

1. Shao J, Meng Y, Yuan K, et al. RU.521 mitigates subarachnoid hemorrhage-induced brain injury via regulating microglial polarization and neuroinflammation mediated by the cGAS/STING/NF- κ B pathway. *Cell Commun Signal.* 2023;21:264. <https://doi.org/10.1186/s12964-023-01274-2>.

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Published online: 06 August 2024