



Correction: CKLF1 Aggravates Focal Cerebral Ischemia Injury at Early Stage Partly by Modulating Microglia/Macrophage Toward M1 Polarization Through CCR4

Chen Chen¹ · Shi-Feng Chu¹ · Qi-Di Ai² · Zhao Zhang¹ · Fei-Fei Guan³ · Sha-Sha Wang⁴ · Yi-Xiao Dong⁵ · Jie Zhu⁶ · Wen-Xuan Jian⁷ · Nai-Hong Chen^{1,2}

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Correction to:

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The authors would like to apologise for any inconvenience caused.

The original article has been corrected.

The original version of this article unfortunately contained error in Fig. 10.

In Fig. 10B, the merge image of C021 100 nM group of microglia stained with CD206 is published incorrectly. Other images in the figure remains the same, and the interpretation of the results remains unchanged.

The corrected figure is presented here.

The original article can be found online at <https://doi.org/10.1007/s10571-019-00669-5>.

✉ Nai-Hong Chen
chennh@imm.ac.cn

¹ State Key Laboratory of Bioactive Substances and Functions of Natural Medicines, Institute of Materia Medica & Neuroscience Center, Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing 100050, China

² Hunan Engineering Technology Center of Standardization and Function of Chinese Herbal Decoction Pieces & Hunan University of Chinese Medicine First-Class Disciple Construction Project of Chinese Materia Medica, Changsha 410208, China

³ Key Laboratory of Human Disease Comparative Medicine, Institute of Laboratory Animal Science, NHFPC, Peking Union Medicine College and Chinese Academy of Medical Sciences, Beijing 100021, China

⁴ School of Basic Medicine, Shanxi University of Traditional Chinese Medicine, Taiyuan 030619, China

⁵ Tianjin University of Traditional Chinese Medicine, Tianjin 300193, China

⁶ Institute of Process Engineering, Chinese Academy of Sciences, Beijing 100050, China

⁷ DME Center, Clinical Pharmacology Institute, Guangzhou University of Chinese Medicine, Guangzhou 510000, China

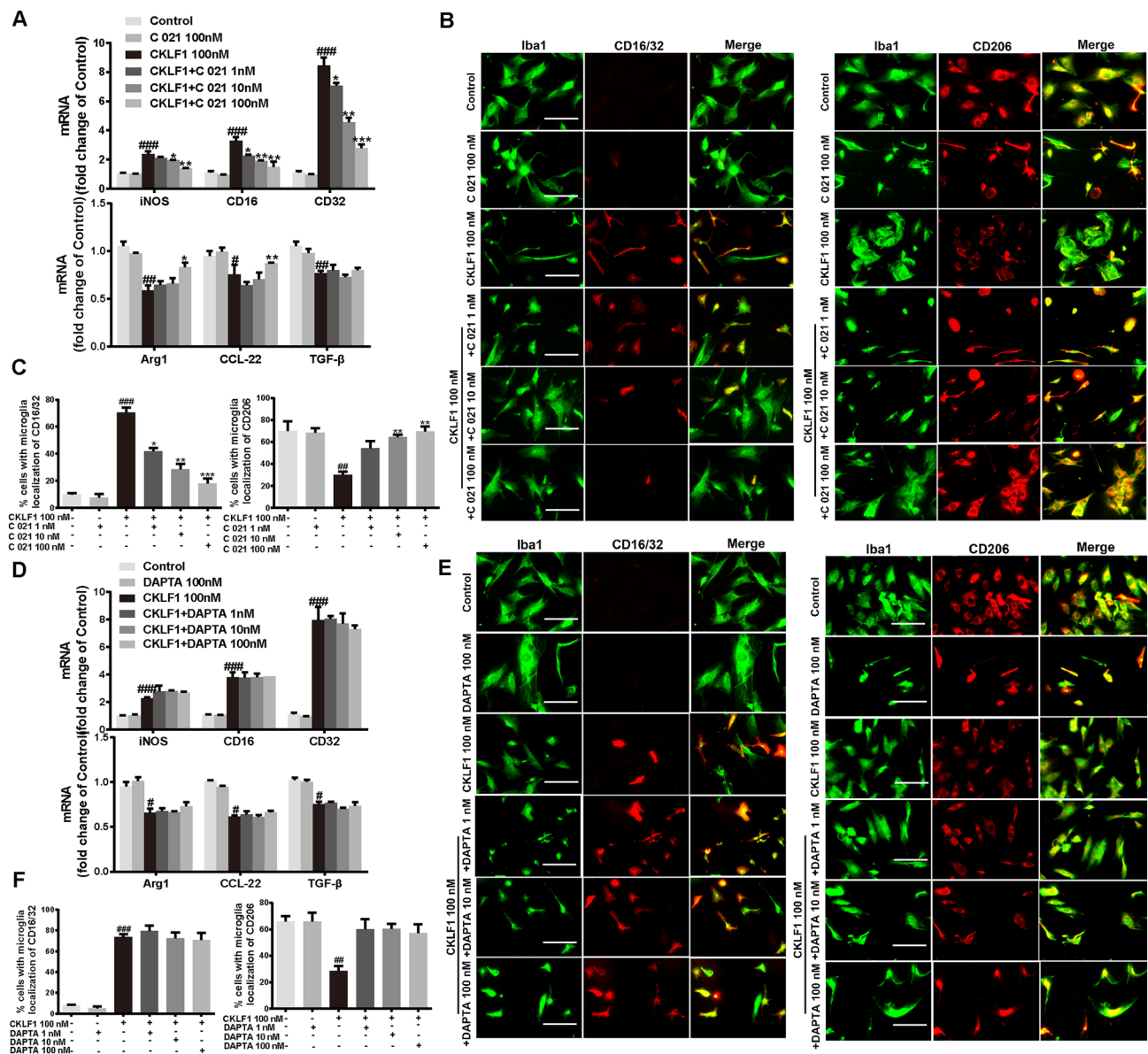


Fig. 10 KLF1 modulates the microglia polarization through CCR4. **a** qPCR analysis of mRNA expression levels of M1 markers (iNOS, CD16, CD32) and M2 markers (Arg1, CCL-22, TGF-β) in primary microglia treated with CKLF1 and C 021 dihydrochloride for 24 h ($n=6$ cell samples). $\#P<0.05$, $\#\#P<0.01$, $\#\#\#P<0.001$ versus control; $*P<0.05$, $**P<0.01$, $***P<0.001$ versus CKLF1 100 nM. **b** Representative photomicrographs of double-staining immunofluorescence of CD16/32 or CD206 with Iba1 in the primary microglia treated with CKLF1 and C 021 dihydrochloride for 24 h. Scale bars 100 μm . **c** Quantitative analysis of CD16/32-positive and CD206-positive microglia ($n=6$ cell samples). $\#\#P<0.01$, $\#\#\#P<0.001$ versus

control; $*P<0.05$, $**P<0.01$, $***P<0.001$ versus CKLF1 100 nM. **d** qPCR analysis of mRNA expression levels of M1 markers (iNOS, CD16, CD32) and M2 markers (Arg1, CCL-22, TGF-β) in primary microglia after treatment with CKLF1 and DAPTA for 24 h ($n=6$ cell samples). $\#P<0.05$, $\#\#\#P<0.001$ versus control. **e** Representative photomicrographs of double-staining immunofluorescence of CD16/32 or CD206 with Iba1 in the primary microglia after treatment with CKLF1 and DAPTA for 24 h. Scale bars 100 μm . **f** Quantitative analysis of CD16/32-positive and CD206-positive microglia ($n=6$ cell samples). $\#\#P<0.01$, $\#\#\#P<0.001$ versus control

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