Apoptosis (2016) 21:669–670
DOI 10.1007/s10495-016-1239-0

ERRATUM

Erratum to: Suppression of c-Myc induces apoptosis via an AMPK/mTOR-dependent pathway by 4-*O*-methyl-ascochlorin in leukemia cells

Jae-Moon Shin[1,2] · Yun-Jeong Jeong[1] · Hyun-Ji Cho[1,3] · Junji Magae[4] · Young-Seuk Bae[2] · Young-Chae Chang[1]

Published online: 31 March 2016

Erratum to: Apoptosis DOI 10.1007/s10495-016-1228-3

The original version of this article unfortunately contained mistakes. The presentation of Fig. 5E was incorrect. The corrected Fig. 5E is given below. Also in the "Results" part under "MAC suppresses c-Myc expression through an AMPK/mTOR-dependent pathway in K562 cells" section author would like to change the text from "apoptosis in response to AMPK silencing (Fig. 5E)." to "apoptosis in response to MAC with Negative siRNA (Fig. 5E)".

The online version of the original article can be found under doi:10.1007/s10495-016-1228-3.

✉ Young-Seuk Bae
ysbae@knu.ac.kr

✉ Young-Chae Chang
ycchang@cu.ac.kr

[1] Research Institute of Biomedical Engineering and Department of Medicine, Catholic University of Daegu School of Medicine, 3056-6, Daemyung-4-Dong, Nam-gu, Daegu 705-718, Republic of Korea

[2] School of Life Sciences, College of Natural Sciences, KNU Creative BioResearch Group (BK21 Plus Program), Kyungpook National University, Sangyeok 3-dong, Buk-gu, Daegu 702-701, Republic of Korea

[3] Department of Neural Development and Disease, Korea Brain Research Institute (KBRI), Daegu 701-300, Republic of Korea

[4] Magae Bioscience Institute, 49-4 Fujimidai, Tsukuba 300-1263, Japan

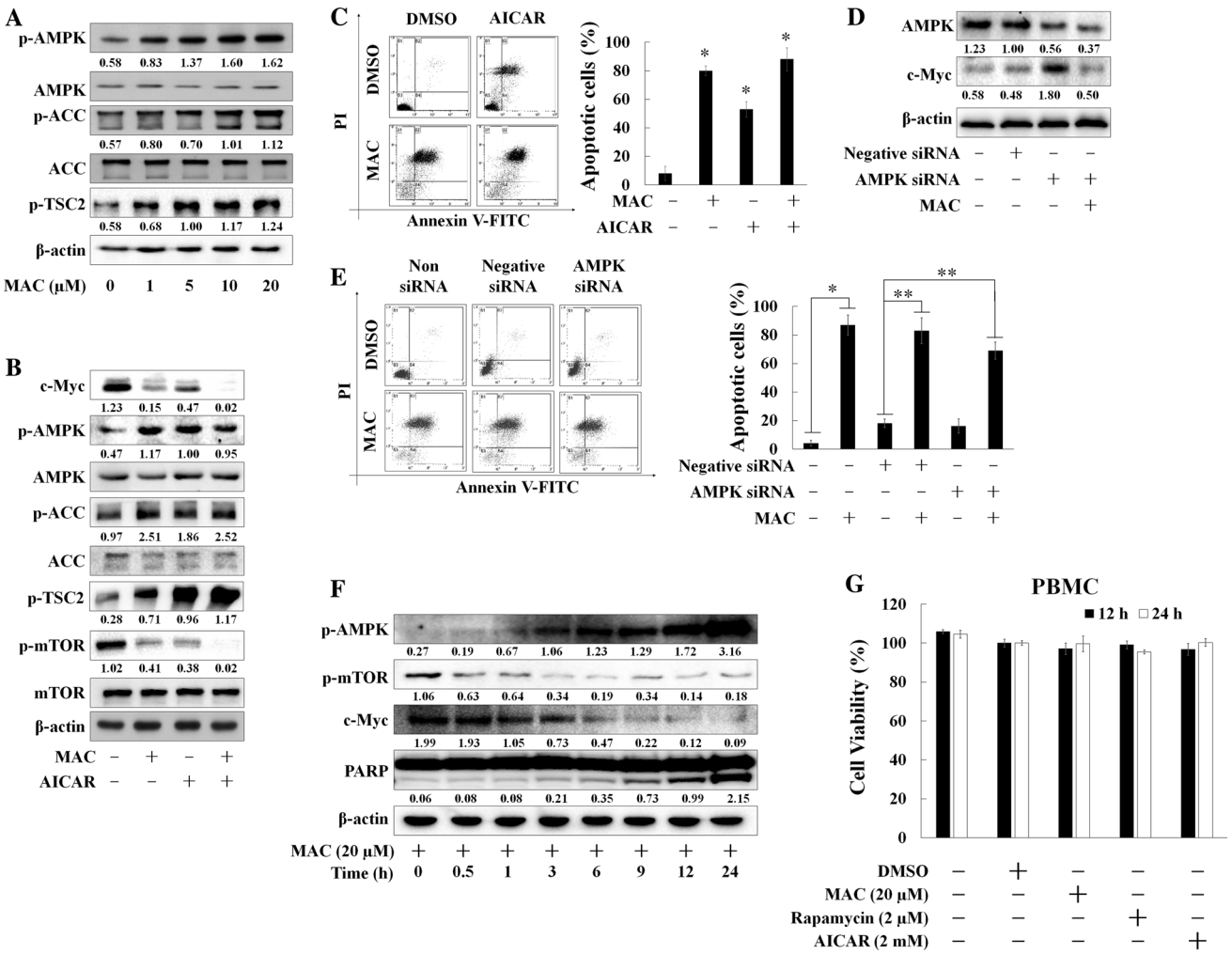

Fig. 5 MAC suppresses c-Myc expression through AMPK/mTOR-dependent pathway in K562 cells. **a** The phosphorylated levels of AMPK and ACC were determined by Western blot analysis. K562 Cells were treated with the indicated concentrations of MAC for 6 h. **b** Effects of MAC and inhibitors c-Myc in K562 cells. K562 cells were treated with MAC (20 μM) and AICAR (1 mM) for 6 h. **c** Effect of MAC on the apoptosis of K562 cells. Cells were treated with the indicated concentrations of MAC (20 μM) and AICAR (1 mM) for 24 h. **d** The protein levels of AMPK and c-Myc were determined by Western blot analysis. K562 cells were treated with the indicated concentrations of MAC (20 μM) and AMPK siRNA for 24 h. **e** Cells were treated with the indicated concentrations of MAC (20 μM) and AMPK siRNA for 24 h. apoptotic cells was determined by FACS assay. **f** K562 cells were treated to MAC 20 μM for the indicated time. **g** Effect of MAC, Rapamycin and AICAR on the viability of PBMC cells. Cells were treated with the indicated concentrations of MAC, Rapamycin and AICAR for 12 and 24 h. Viability was determined by WST-1 assay. Data represents the mean ± SD of three independent experiments. *$p < 0.05$ as compared to untreated control. Results were analyzed using one-way ANOVA