

Corrections

PLANT BIOLOGY. For the article “Bacterial volatiles promote growth in *Arabidopsis*,” by Choong-Min Ryu, Mohamed A. Farag, Chia-Hui Hu, Munagala S. Reddy, Han-Xun Wei, Paul W. Paré, and Joseph W. Kloepper, which appeared in issue 8, April 15, 2003, of *Proc. Natl. Acad. Sci. USA* (100, 4927–4932; First Published April 8, 2003; 10.1073/pnas.0730845100), the authors note the following. Due to a printer’s error on page 4930, bars 3 through 7 of histogram A of Fig. 4 were incorrectly labeled. The corrected figure and a corrected legend appear below.

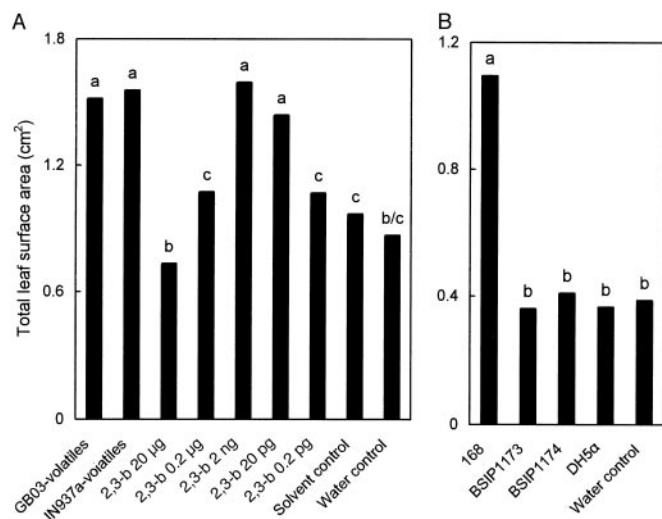


Fig. 4. Growth promotion of *A. thaliana* ecotype Col-0 with exposure to extracted bacterial volatiles from growth-promoting (GB03 and IN937a) and nongrowth-promoting (DH5α) bacteria and synthetic 2,3-butanediol (A) and exposure to volatiles released from *B. subtilis* WT (168) and mutant strains defective in the production of 2,3-butanediol (BSIP1173 and BSIP1174) (B). Different letters indicate significant differences between treatments according to least significant difference at $P = 0.05$. A dose–response curve with synthetic 2,3-butanediol in the presence of *A. thaliana* seedlings confirmed the efficacy of this volatile bacterial metabolite in promoting plant growth. The level of exogenous 2,3-butanediol (2 ng) that was observed to trigger optimal plant growth promotion was lower than those collected from the GB03 or IN937a strains over the 24-h collection interval (1–5 µg), and it may be at least in part due to a high initial release of the synthetic 2,3-butanediol when introduced into the l-plates containing the *Arabidopsis* seedlings, as compared to the more even emissions of VOCs generated from the bacterial strains.

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DEVELOPMENTAL BIOLOGY. For the article “A genetic model for a central (septum transversum) congenital diaphragmatic hernia in mice lacking *Slit3*,” by Wenlin Yuan, Yi Rao, Randal P. Babiuk, John Greer, Jane Y. Wu, and David M. Ornitz, which appeared in issue 9, April 29, 2003, of *Proc. Natl. Acad. Sci. USA* (100, 5217–5222; First Published April 17, 2003; 10.1073/pnas.0730709100), the authors note the following correction. The name John Greer should have appeared as John J. Greer. The online version has been corrected. The corrected author list appears below.

Wenlin Yuan, Yi Rao, Randal P. Babiuk, John J. Greer, Jane Y. Wu, and David M. Ornitz

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DEVELOPMENTAL BIOLOGY. For the article “Identification of a small molecule inhibitor of the hedgehog signaling pathway: Effects on basal cell carcinoma-like lesions,” by Juliet A. Williams, Oivin M. Guicherit, Beatrice I. Zaharian, Yin Xu, Ling Chai, Hynek Wichterle, Charlene Kon, Christine Gatchalian, Jeffery A. Porter, Lee L. Rubin, and Frank Y. Wang, which appeared in issue 8, April 15, 2003, of *Proc. Natl. Acad. Sci. USA* (100, 4616–4621; First Published April 4, 2003; 10.1073/pnas.0732813100), the authors request that Roel Nusse, Howard Hughes Medical Institute and Department of Developmental Biology, Stanford University School of Medicine, Stanford, CA 94305, be added to the list of authors between Christine Gatchalian and Jeffery A. Porter. The corrected author line appears below.

Juliet A. Williams, Oivin M. Guicherit, Beatrice I. Zaharian, Yin Xu, Ling Chai, Hynek Wichterle, Charlene Kon, Christine Gatchalian, Roel Nusse, Jeffery A. Porter, Lee L. Rubin, and Frank Y. Wang

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