Corrections

BIOCHEMISTRY. For the article "High-quality life extension by the enzyme peptide methionine sulfoxide reductase," by Hongyu Ruan, Xiang Dong Tang, M.-L. Chen, M. A. Joiner, Guangrong Sun, Nathan Brot, Herbert Weissbach, Stephen H. Heinemann, Linda Iverson, Chun-Fang Wu, and Toshinori Hoshi, which appeared in number 5, March 5, 2002, of *Proc. Natl. Acad. Sci. USA* (**99,** 2748–2753; First Published February 26, 2002; 10.1073/pnas.032671199), the authors note the following errors in the author line. M.-L. Chen should be listed as Mai-Lei Chen. M. A. Joiner should be Mei-Ling A. Joiner. Stephen H. Heinemann should be listed as Stefan H. Heinemann. The online version has been corrected.

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BIOCHEMISTRY, NEUROBIOLOGY. The authors note the following for these three articles, "Feeding acetyl-L-carnitine and lipoic acid to old rats significantly improves metabolic function while decreasing oxidative stress," by Tory M. Hagen, Jiankang Liu, Jens Lykkesfeldt, Carol M. Wehr, Russell T. Ingersoll, Vladimir Vinarsky, James C. Bartholomew, and Bruce N. Ames, which appeared in number 4, February 19, 2002, of *Proc. Natl. Acad. Sci. USA* (**99,** 1870–1875); "Age-associated mitochondrial oxidative decay: Improvement of carnitine acetyltransferase substrate-binding affinity and activity in brain by feeding old rats acetyl-L-carnitine and/or *R*-α-lipoic acid," by Jiankang Liu, David W. Killilea, and Bruce N. Ames, which appeared in number 4, February 19, 2002, of *Proc. Natl. Acad. Sci. USA* (**99,** 1876–1881); and "Memory loss in old rats is associated with brain mitochondrial decay and RNA/DNA oxidation: Partial reversal by feeding acetyl-L-carnitine and/or *R*-α-lipoic acid," by Jiankang Liu, Elizabeth Head, Afshin M. Gharib, Wenjun Yuan, Russell T. Ingersoll, Tory M. Hagen, Carl W. Cotman, and Bruce N. Ames, which appeared in number 4, February 19, 2002, of *Proc. Natl. Acad. Sci. USA* (**99,** 2356–2361). B.N.A. is a founder of Juvenon and chair of its Scientific Advisory Board. T.M.H. is a founder of Juvenon and member of its Scientific Advisory Board. J. Liu has been a consultant to Juvenon. Juvenon is a company founded to study in humans the effects of biochemicals that reverse the mitochondrial decay of aging in rats.

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COLLOQUIUM. For the article "Study of Nd^{3+}, Pd^{2+}, Pt^{4+}, and Fe^{3+} dopant effect on photoreactivity of TiO_2 nanoparticles," by S. I. Shah, W. Li, C.-P. Huang, O. Jung, and C. Ni, which appeared in number 9, April 30, 2002, of *Proc. Natl. Acad. Sci. USA* (**99,** 6482–6486; First Published March 5, 2002; 10.1073/pnas.052518299), on page 6482, right column, the sentence beginning on line 15 should read "In this article, we describe the synthesis of TiO_2 nanoparticles and the effect of transition metal ion Nd^{3+}, Pd^{2+}, Pt^{4+}, and Fe^{3+} dopants on the photocatalytic activity of TiO_2 nanoparticles."

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MEDICAL SCIENCES. For the article "West Nile virus/dengue type 4 virus chimeras that are reduced in neurovirulence and peripheral virulence without loss of immunogenicity or protective efficacy," by Alexander G. Pletnev, Robert Putnak, Jim Speicher, Eric J. Wagar, and David W. Vaughn, which appeared in number 5, March 5, 2002, of *Proc. Natl. Acad. Sci. USA* (**99,** 3036–3041), a footnote symbol in the author line appeared incorrectly due to a printer's error. The correct author line and affiliations appear below.

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NEUROBIOLOGY. For the article "Memory loss in old rats is associated with brain mitochondrial decay and RNA/DNA oxidation: Partial reversal by feeding acetyl-L-carnitine and/or *R*-α-lipoic acid," by Jiankang Liu, Elizabeth Head, Afshin M. Gharib, Wenjun Yuan, Russell T. Ingersoll, Tory M. Hagen, Carl W. Cotman, and Bruce N. Ames, which appeared in number 4, February 19, 2002, of *Proc. Natl. Acad. Sci. USA* (**99,** 2356–2361), Fig. 3 was printed incorrectly due to a printer's error. The correct figure and its legend appear below. On page 2360, right column, first full paragraph, line 16, Rna should be RNA. On page 2361, ref. 34, the author name Kuratsyne should be Kuratsune.

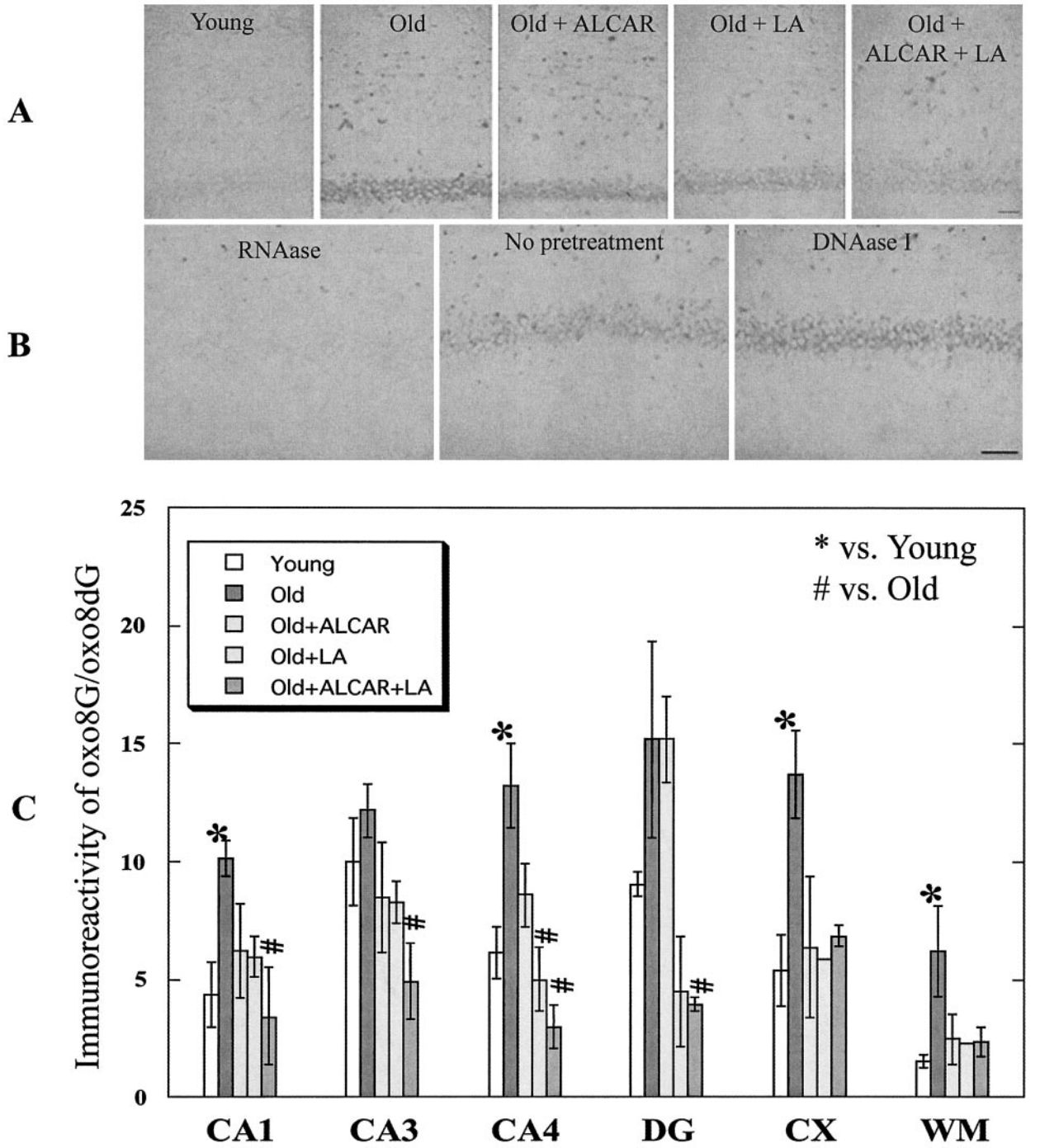

Fig. 3. Immunostaining relative to age and treatment for oxidized nucleic acids in neurons. (*A*) Representative photographs of oxo8G immunoreactivity in area CA1 of the hippocampus and adjacent white matter, from individual rats selected from young, old, old + ALCAR (0.5%), old + LA (0.2%), and old + ALCAR (0.5%) + LA (0.2%) groups. (*B*) CA1 sections pretreated with either DNase or RNase before incubation with Ab. (*C*) Extent of immunoreactivity to oxo8G in the hippocampus [CA1, CA3, CA4, dentate gyrus (DG), cerebral cortex (CX), and white matter (WM) in rat brain]. [Bar = 50 μm.] Values are mean ± SEM of 5 animals for young and old groups, 3 for old + ALCAR and old + LA groups, and 2 for the old + ALCAR + LA group. The Mann–Whitney *U* test was used to compare values. *, $P < 0.005$ vs. young rats; #, $P < 0.05$ vs. old control rats.

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