Corrections

EVOLUTION

Correction for "Genome sequences of the human body louse and its primary endosymbiont provide insights into the permanent parasitic lifestyle," by Ewen F. Kirkness, Brian J. Haas, Weilin Sun, Henk R. Braig, M. Alejandra Perotti, John M. Clark, Si Hyeock Lee, Hugh M. Robertson, Ryan C. Kennedy, Eran Elhaik, Daniel Gerlach, Evgenia V. Kriventseva, Christine G. Elsik, Dan Graur, Catherine A. Hill, Jan A. Veenstra, Brian Walenz, José Manuel C. Tubío, José M. C. Ribeiro, Julio Rozas, J. Spencer Johnston, Justin T. Reese, Aleksandar Popadic, Marta Tojo, Didier Raoult, David L. Reed, Yoshinori Tomoyasu, Emily Krause, Omprakash Mittapalli, Venu M. Margam, Hong-Mei Li, Jason M. Meyer, Reed M. Johnson, Jeanne Romero-Severson, Janice Pagel VanZee, David Alvarez-Ponce, Filipe G. Vieira, Montserrat Aguadé, Sara Guirao-Rico, Juan M. Anzola, Kyong S. Yoon, Joseph P. Strycharz, Maria F. Unger, Scott Christley, Neil F. Lobo, Manfredo J. Seufferheld, NaiKuan Wang, Gregory A. Dasch, Claudio J. Struchiner, Greg Madey, Linda I. Hannick, Shelby Bidwell, Vinita Joardar, Elisabet Caler, Renfu Shao, Stephen C. Barker, Stephen Cameron, Robert V. Bruggner, Allison Regier, Justin Johnson, Lakshmi Viswanathan, Terry R. Utterback, Granger G. Sutton, Daniel Lawson, Robert M. Waterhouse, J. Craig Venter, Robert L. Strausberg, May R. Berenbaum, Frank H. Collins, Evgeny M. Zdobnov, and Barry R. Pittendrigh, which appeared in issue 27, July 6, 2010, of *Proc Natl Acad Sci USA* (107:12168–12173; first published June 21, 2010; 10.1073/pnas.1003379107).

The authors note that the author name Emily Krause should have appeared as Emily Kraus. The corrected author line appears below. The online version has been corrected.

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PHYSICS

Correction for "Formation of a crystal nucleus from liquid," by Takeshi Kawasaki and Hajime Tanaka, which appeared in issue 32, August 10, 2010, of *Proc Natl Acad Sci USA* (107:14036–14041; first published July 27, 2010; 10.1073/pnas.1001040107).

The authors note that Fig. 6 appeared incorrectly. The corrected figure and its legend appear below. This error does not affect the conclusions of the article.

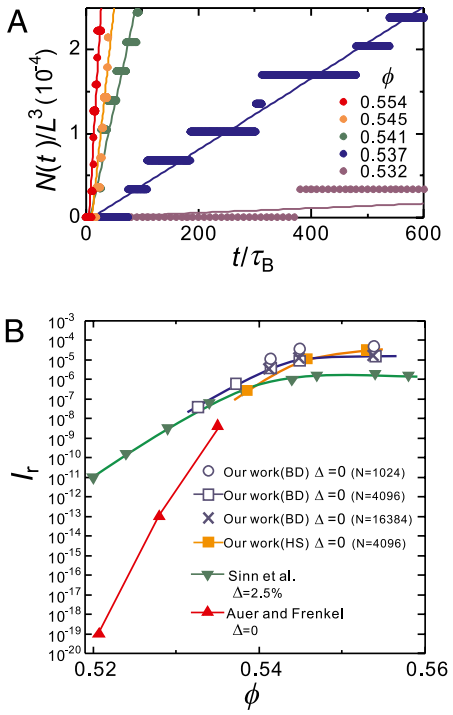

Fig. 6. Crystal nucleation dynamics. (*A*) Temporal change of the number of crystal nuclei for a system of $N = 4{,}096$ (*SI Text*). From the rate of the increase in the number of crystal nuclei, we estimated the crystal nucleation frequency I. The numbers in the figure indicate the volume fraction ϕ. (*B*) The volume fraction ϕ dependence of the reduced crystal nucleation frequency I_r for our work, the numerical estimate by Auer and Frenkel (15), and the experimental work by Sinn et al. (17). Curves are guides to the eye. We also show the results for three different system sizes (N = 1,024, 4,096, and 16,834), which indicate few finite size effects for $N \geq 4{,}096$. Here we use the volume fraction ϕ estimated with $\sigma_{eff} = 1.0953\sigma$. Here BD stands for Brownian Dynamics simulations of the WCA system and HS stands for event-driven Molecular Dynamics simulations of the hard sphere system.

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MEDICAL SCIENCES, CHEMISTRY

Correction for "Multistage nanoparticle delivery system for deep penetration into tumor tissue," by Cliff Wong, Triantafyllos Stylianopoulos, Jian Cui, John Martin, Vikash P. Chauhan, Wen Jiang, Zoran Popović, Rakesh K. Jain, Moungi G. Bawendi, and Dai Fukumura, which appeared in issue 6, February 8, 2011 of *Proc Natl Acad Sci USA* (108:2426–2431; first published January 18, 2011; 10.1073/pnas.1018382108).

The authors note that Fig. 2 and its corresponding legend appeared incorrectly. This error does not affect the conclusions of the article. The corrected figure and its corrected legend appear below.

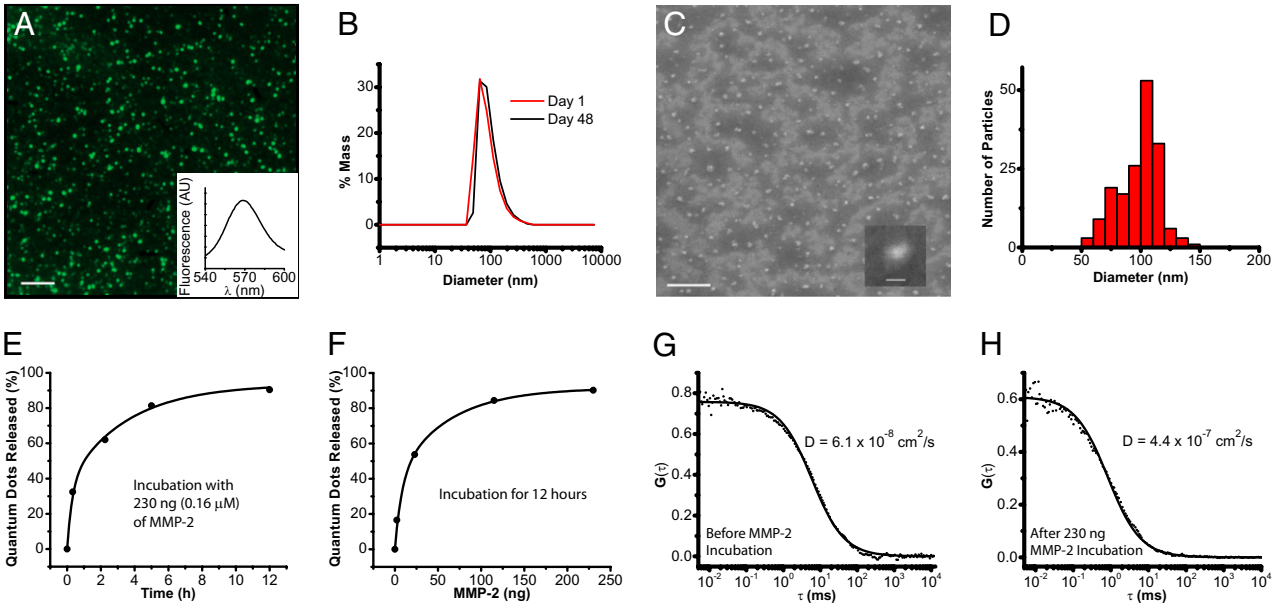

Fig. 2. QDGelNP physical and in vitro characterization. (*A*) Epifluorescence image of QDGelNPs on a silicon substrate at 100× magnification. (Scale bar: 5 μm.) (*B*) DLS distribution of QDGelNP on day 1 and day 48 after synthesis and storage at 4 °C. (*C*) SEM image of QDGelNPs at 15,000× magnification. (Scale bar: 1 μm.) (*C Inset*) SEM image of individual QDGelNP at 35,000× magnification. (Scale bar: 100 nm.) (*D*) Histogram of QDGelNPs' size distribution from image analysis of SEM image. (*E* and *F*) Kinetics of MMP-2–induced QD release from QDGelNPs. (*E*) QD-release curve from incubation of 0.1 mg of QDGelNPs with 230 ng (0.16 μM) of MMP-2. (*F*) QD release from incubation of 0.1 mg of QDGelNPs for 12 h with varying amounts of MMP-2. (*G* and *H*) FCS cross-correlograms of QDGelNPs before (*G*) and after (*H*) incubation with MMP-2.

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