Corrections

BIOPHYSICS AND COMPUTATIONAL BIOLOGY

Correction for "Surface residues dynamically organize water bridges to enhance electron transfer between proteins," by Aurélien de la Lande, Nathan S. Babcock, Jan Řezáč, Barry C. Sanders, and Dennis R. Salahub, which appeared in issue 26, June 29, 2010, of *Proc Natl Acad Sci USA* (107:11799–11804; first published June 14, 2010; 10.1073/pnas.0914457107).

The authors note that Table 1 appeared incorrectly. The corrected table appears below.

Additionally, the authors note that on page 11803, right column, first paragraph, lines 7–10, "A friction coefficient of 15 ps^{-1} and a bath temperature of 298 K were used to propagate the equations of motion within the Langevin approach. Periodic boundary conditions were applied to simulate a continuous medium." should instead appear as "A friction coefficient of 10 ps^{-1} and a bath temperature of 298 K were used to propagate the equations of motion within the Langevin approach. No boundary conditions were imposed; the system freely evolved in vacuum."

These errors do not affect the conclusions of the article.

Table 1. Expectation values for $\langle \varepsilon_{tot} \rangle$ and the ratios $r_{\varepsilon}^{mut} = \langle \varepsilon_{tot}^2 \rangle^{mut} / \langle \varepsilon_{tot}^2 \rangle^{wt}$ and $r_k^{mut} = k_{ET}^{mut}/k_{ET}^{wt}$ obtained from packing density and pathway analyses*

		Wild type	M51L	M51K	M51A	M51C
r_k^{mut}	(Experiment)	1.0	0.68	0.49	0.13	—
$\langle \varepsilon_{tot} \rangle \times 10^3$	(Pathway analysis)	0.90 ± 0.03	0.47 ± 0.03	0.61 ± 0.02	0.65 ± 0.02	0.73 ± 0.02
r_{ε}^{mut}	(Pathway analysis)	1.0	0.36 ± 0.04	0.52 ± 0.04	0.57 ± 0.04	0.76 ± 0.05
$\langle \varepsilon_{tot} \rangle \times 10^3$	(Packing density)	0.70 ± 0.03	0.42 ± 0.04	0.51 ± 0.03	0.62 ± 0.05	1.03 ± 0.05
r_{ε}^{mut}	(Packing density)	1.0	0.56 ± 0.09	0.76 ± 0.07	0.89 ± 0.15	2.29 ± 0.26
P_{hb}		0.53	0.15	0.19	0.18	0.16
τ (ns^{-1})		0.23	0.45	1.20	0.50	2.25

*The uncertainties account for the sampling errors of the computational protocol (see *SI Text*). Experimental rates k_{ET} were obtained from k_3 (at 30 °C) in table 3 of ref. 15 (M51C was not reported). P_{hb} is the unit-normalized likelihood that a water molecule is simultaneously hydrogen bonded to both the MADH Ser β 56 O and amicyanin His 95 HE2 atoms during our simulations. The turnover τ of the bridging water molecule is defined as the number of different water molecules that participate in pathway A_1 divided by the length of the simulation in nanoseconds.

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Correction for "Misconduct accounts for the majority of retracted scientific publications," by Ferric C. Fang, R. Grant Steen, and Arturo Casadevall, which appeared in issue 42, October 16, 2012, of *Proc Natl Acad Sci USA* (109:17028–17033; first published October 1, 2012; 10.1073/pnas.1212247109).

The authors note that Table 3 appeared incorrectly. The corrected table appears below.

Table 3. Most Cited Retracted Articles

First author	Journal	Year published	Year retracted	Times cited*	Reason for retraction
Wakefield	*Lancet*	1998	2004; 2010	758	Fraud
Reyes	*Blood*	2001	2009	740	Error
Fukuhara	*Science*	2005	2007	686	Error
Nakao	*Lancet*	2003	2009	626	Fraud
Chang	*Science*	2001	2006	512	Error
Kugler	*Nature Medicine*	2000	2003	494	Fraud
Rubio	*Cancer Research*	2005	2010	457	Error
Gowen	*Science*	1998	2003	395	Fraud
Makarova	*Nature*	2001	2006	375	Error
Hwang	*Science*	2004	2006	368	Fraud
Potti	*The New England Journal of Medicine*	2006	2011	361	Fraud
Brugger	*The New England Journal of Medicine*	1995	2001	336	Fraud
Van Parijs	*Immunity*	1999	2009	330	Fraud
Potti	*Nature Medicine*	2006	2011	328	Fraud
Schön	*Science*	2000	2002	297	Fraud
Chiu	*Nature*	2005	2010	281	Error
Cooper	*Science*	1997	2005	264	Fraud
Le Page	*Cell*	2000	2005	262	Error
Kawasaki	*Nature*	2004	2006	243	Fraud
Hwang	*Science*	2005	2006	234	Fraud

*As of June 22, 2012

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