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Errata (printed version only)

Issue No. 1 (2012), Vol. 77, paper No. *JSCS-4247*:

– page 43, lines 5–11 from above should read:

MOHAMED ABUGHREN[1], MILICA POPOVIĆ[1#], RAJNA DIMITRIJEVIĆ[2#], LIDIJA BURAZER[3], MILICA GROZDANOVIĆ[1#], MARINA ATANASKOVIĆ-MARKOVIĆ[4,5] and MARIJA GAVROVIĆ-JANKULOVIĆ[1*#]

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– page 45, line 2 from above should read:

…according to the manufacturer's instructions. Complementary-DNA (cDNA) was transcribed by a…

– page 45, line1 1–18 from below should read:

Recombinant GST-Mus a 5 was purified from a BL21 cell culture (100 mL), after 12 h of protein expression at 25 °C. The cells were harvested by centrifugation (3000×*g*, 15 min), and the pellet was suspended in 25 mL of ice-cold L buffer (50 mM Tris–HCl, pH 8.0, 100 mM NaCl, 5 mM EDTA, 0.1 % NaN_3 and 0.1 % Na-deoxycholate). Immediately before use, phenylmethylsulfonyl fluoride (PMSF) (0.1 mM) and dithiothreitol (DTT) (1 mM) were added to the L buffer. After sonication (3×20 s, 20 rms, Branson Sonifier 150, USA), $MgSO_4$ (1 mM), benzonase (0.01 mg mL^{-1}, Novagen, USA) and lysozyme (0.1 mg mL^{-1}, Serva, Germany) were added to the cell lysate, which was further incubated at RT for 15 min. To collect the insoluble fraction (IF), the cell lysate was centrifuged (3000×*g*, for 15 min). After two washings with the buffer (50 mM Tris–HCl, pH 8.0, 100 mM NaCl, 5 mM EDTA, 0.1 % NaN_3), the IF was solubilized in S buffer (100 mM Tris, 50 mM glycine, 6 M urea, pH 8.0). Protein refolding was achieved by rapid mixing of denatured protein solution with R buffer (300 mM NaCl, 20 mM Na_2HPO_4, 3.6 mM KH_2PO_4, pH 7.50; 1:7, v:v), in which a cocktail of protease inhibitors (1 mL L^{-1} of buffer) and oxidized (0.3 mM GSSG) and reduced glutathione (3 mM GSH) were added. The rGST-Mus a 5 solution was applied onto a pre-equilibrated GST-Bind® resin (Novagen, USA) according to the manufacturer's instruction.[18] The concentration of the rGST-Mus a 5 protein was determined using a molar extinction coefficient of 1.434, which was calculated from the amino acid sequence by ProtParam (http://expasy.org/cgi-bin/protparam).

– page 46, line 6 from above should read:

…immunization. Every 30 days, for four months, the rabbits were boosted with a mixture of…

Issue No. 1 (2012), Vol. 77, paper No. *JSCS-4248*:

– page 53, line 6 from above should read:

SOFIJA P. SOVILJ[1*#], DRAGANA MITIĆ[1#], BRANKO J. DRAKULIĆ[2#]

– page 58, Table II should read:

TABLE II. ^{1}H- and ^{13}C-NMR chemical shifts for complexes **1–5** in ppm downfield from TMS. Assignment of the atoms given according to the Scheme 1

Complex	δ^{1}H	δ^{13}C	δ^{13}C
1	2.51 (2H, *t* (C1), ^{3}J = 1.8 Hz); 1.91 (2H, *s* (C2)); 1.68 (2H, *s* (C3)); 2.00 (2H, *s* (C4)); 3.36 (2H, *s* (C5))	S_2CN, 190.91	C1(C5), 52.35; C2, 22.13; C3, 25.97; C4, 23.54
2	2.73 (2H, *s* (C1)); 3.51 (2H, *m* (C2)); 3.67 (2H, *s* (C4)); 3.17 (2H, *s* (C5))	S_2CN, 195.42	C1(C5), 51.82; C2, 66.5; C4, 66.5
3	3.27 (2H, *t* (C1), ^{3}J = 5.0 Hz); 2.58 (2H, *s* (C2)); 2.82 (2H, *m* (C4)); 3.27(2H, *t* (C5), ^{3}J = 5.0 Hz)	S_2CN, 201.66	C1(C5), 53.88; C2, 29.54; C4, 29.54
4	2.92(2H, *s* (C1)); 2.51 (2H, *t* (C2), ^{3}J = 1.6 Hz); 1.91 (H, *s* (C3)); 2.46 (2H, *s* (C4)); 2.99 (2H, *s* (C5))	S_2CN, 201.93	C1(C5), 66.42; C2, 45.43; C4, 45.43
5	3.39 (2H, *s* (C1)); 2.51 (2H, *d* (C2)); 2.25 (3H, *t* (C3), ^{4}J = 1.6 Hz); 2.40 (2H, *s* (C4)); 3.39 (2H, *s* (C5))	S_2CN, 197.40	C1(C5), 49.13; C2, 54.96; C4, 54.96; C6, 45.71

– page 63, the titles of Tables IV and V should read:

TABLE IV. Minimal inhibitory concentrations (*MIC* / μg ml^{-1}) of the tested compounds

TABLE V. Minimal inhibitory concentrations (*MIC* / μg ml^{-1}) of the standard antibiotics against the tested microbial strains (n.t. – not tested)

– page 64, line 13 from below should read:

“тих хетероатома утиче на промену положаја ν(C═H) и ν(C═S) вибрација, које опадају“

– page 65, line 18 from below should read:

“24. N. Katsaros, M. Katsarou, S. P. Sovilj, K. Babić-Samardžija, D. M. Mitić, *Bioinorg*.”