SCIENTIFIC REPORTS
nature research

Check for updates

OPEN

Publisher Correction: Minimally Invasive Hemostatic Materials: Tackling a Dilemma of Fluidity and Adhesion by Photopolymerization *in situ*

Published online: 14 August 2020

Yun Zhang, Dandan Song, Hong Huang, Zhiling Liang, Houhe Liu, Yugang Huang, Cheng Zhong & Guodong Ye

Correction to: *Scientific Reports* https://doi.org/10.1038/s41598-017-15368-8, published online 10 November 2017.

The original version of this Article contained extensive errors in the Reference list. References 6–30 were incorrectly listed as references 8–32 respectively and references 31–32 were incorrectly listed as references 6–7 respectively.

This has now been corrected in the PDF and HTML versions of the Article.

References

1. Robinson, T. N. & Stiegmann, G. V. Minimally invasive surgery. *Endoscopy* **39**, 21–23 (2007).
2. Hur, H., Yi, X., Chang, W. A., Yong, K. C. & Han, S. U. Trends and outcomes of minimally invasive surgery for gastric cancer: 750 consecutive cases in seven years at a single center. *Am. J. Surg.* **205**, 45–51 (2013).
3. Sileshi, B., Achneck, H. E. & Lawson, J. H. Management of surgical hemostasis: topical agents. *Vascular* **16**, S22–S28 (2008).
4. Chen, G., Amajjahe, S. & Stenzel, M. H. Synthesis of thiol-linked neoglycopolymers and thermo-responsive glycomicelles as potential drug carrier. *Chem. Commun.* **17**, 1198–1200 (2009).
5. Peng, T. Biomaterials for hemorrhage control. *Trends Biomater. Artif. Organs.* **24**, 27–68 (2010).
6. Gu, R. *et al.* The performance of a fly-larva shell-derived chitosan sponge as an absorbable surgical hemostatic agent. *Biomaterials* **31**, 1270–1277 (2010).
7. Odian, G. *Principles of Polymerization (Fourth Edition)* 218–224 (Wiley-Interscience, 2004).
8. Fausti, S. A. *et al.* High-frequency audiometric monitoring for early detection of aminoglycoside ototoxicity. *J. Infect. Dis.* **165**, 1026–1032 (1992).
9. Oke, O. L. Toxicity of cyanogenic glycosides. *Food Chem.* **6**, 97–109 (1980).
10. Cheung, K., Hinds, J. A. & Duffy, P. Detection of poisoning by plant-origin cardiac glycoside with the Abbott TDx analyzer. *Clin. Chem.* **35**, 295–297 (1989).
11. Allen, N. S. U. V. curing: Science and technology volume II. *Polym. Photochem.* **7**, 240–241 (1986).
12. Wang, Y. Z. *et al.* Rheological properties and anti-aging properties of pp/pp-g-an blends. *Adv. Mater. Res.* **815**, 579–583 (2013).
13. Hu, R., Zhang, Q. & Chen, Y. Reactions of C2(a3πu) with selected saturated alkanes: a temperature dependence study. *J. Chem. Phys.* **132**, 5429–5438 (2010).
14. Zhang, Y. *et al.* Microscopic progression in the free radical addition reaction: modeling, geometry, energy, and kinetics. *J. Mol. Model.* **23**, 73–76 (2017).
15. Fertier, L. H. *et al.* The use of renewable feedstock in UV-curable materials: a new age for polymers and green chemistry. *Prog. Polym. Sci.* **38**, 932–962 (2013).
16. ISO 10993-5:2009, Biological evaluation of medical devices—Part 5: Tests for in vitro cytotoxicity, German version (2009).
17. Kawasaki, Y., Yamaji, K., Matsunaga, H. & Sendo, T. Cytotoxicity of the polymerization agent, 2-methyl-4'-(methylthio)-2-morpholinopropiophenone on human monocytes. *Biol. Pharm. Bull.* **35**, 256–259 (2012).
18. Eick, J. D. *et al.* In vitro biocompatibility of oxirane/polyol dental composites with promising physical properties. *Dent. Mater.* **18**, 413–421 (2002).
19. Williams, C. G., Malik, A. N., Kim, T. K., Manson, P. N. & Elisseeff, J. H. Variable cytocompatibility of six cell lines with photoinitiators used for polymerizing hydrogels and cell encapsulation. *Biomaterials* **26**, 1211–1218 (2005).

20. Pogorielov, M. V. & Sikora, V. Z. Chitosan as a hemostatic agent: current state. *Eur. J. Med.* **2**, 24–33 (2015).
21. Tang, Z., Wang, X. B., Li, Z., Liang, C. & Wang, X. Effects of the preoperative administration of yunnan baiyao capsules on intraoperative blood loss in bimaxillary orthognathic surgery: a prospective, randomized, double-blind, placebo-controlled study. *Int. J. Oral Surg.* **38**, 261–266 (2009).
22. Pusateri, A. E. *et al.* Effect of a chitosan-based hemostatic dressing on blood loss and survival in a model of severe venous hemorrhage and hepatic injury in swine. *J. Trauma.* **54**, 177–182 (2003).
23. Chew, E. C. Effects of yunnan bai yao on blood platelets: an ultrastructural study. *Am. J. Chin. Med.* **5**, 169–175 (1977).
24. Sherman, R. K. & Irving, A. F. Effects of ultraviolet-ray irradiation on clotting mechanism of plasma. *J. Am. Med. Ass.* **147**(3), 229–232 (1951).
25. Junbiao, Y., & Qing, Y., Wenyong, Nanjing Well Chemical Co., Ltd., assignee. Synthetic method of sucrose allyl ether, China patent CN 1,944,449A (2007).
26. Simurdiak, M., Olukoga, O. & Hedberg, K. Obtaining the iodine value of various oils via bromination with pyridinium tribromide. *J. Chem. Educ.* **93**, 322–325 (2016).
27. Frisch, M. J. *et al. Gaussian 09* (Gaussian Inc, Wallingford, CT, 2009).
28. Canneaux, S., Bohr, F. & Henon, E. Kisthelp: a program to predict thermodynamic properties and rate constants from quantum chemistry results. *J. Comput. Chem.* **35**, 82–93 (2014).
29. Bryant, S. J., Nuttelman, C. R. & Anseth, K. S. Cytocompatibility of UV and visible light photoinitiating systems on cultured NIH/3T3 fibroblasts in vitro. *J. Biomater. Sci. Polym. Ed.* **11**, 439–457 (2000).
30. Dória, G. A. *et al.* Redox-active profile characterization of remirea maritime extracts and its cytotoxic effect in mouse fibroblasts (L929) and melanoma (b16f10) cells. *Molecules* **20**, 11699–11718 (2015).
31. Fischer, T. H. *et al.* Synergistic platelet integrin signaling and factor XII activation in poly-n-acetyl glucosamine fiber-mediated hemostasis. *Biomaterials* **26**, 5433–5443 (2005).
32. Dai, C. *et al.* Degradable, antibacterial silver exchanged mesoporous silica spheres for hemorrhage control. *Biomaterials* **30**, 5364–5375 (2009).

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit http://creativecommons.org/licenses/by/4.0/.

© The Author(s) 2020