

### **Editor's Comment:**

Regarding the manuscript entitled "Association between a SLC23A2 gene variation, plasma vitamin C levels, and risk of different diseases" of the manuscript number "2021/JAMPS/79038" I recommend the acceptance of this manuscript after minor revision. Find attached the comments observed through this revision.

There are many grammatical and typographical errors.

1. At line 9 of the abstract " it is important in regulate intracellular concentration of ascorbic acid" should be corrected to " it is important in regulating intracellular concentration of ascorbic acid".

2. At line 3 of the introduction, page 2 "(Shaghghi, Kloss and Eck,2016)" should be corrected to "(Shaghghi et al., 2016)".

3. At line 5 of the second paragraph of introduction "(Shaghghi, Kloss and Eck,2016)" should be corrected to "(Shaghghi et al., 2016)".

4. At line 6 of the 4<sup>th</sup> paragraph of the introduction (page 3), "(Dalgård C et al.,2013)"

Should be corrected to "(Dalgård et al.,2013)".

5. At line 5, of the fifth paragraph of the introduction (page 3) "(Erichsen HC et al., 2005). should be corrected to "(Erichsen et al., 2005)".

6. At line 2 of page 4, "(Duell EJ et al.,2013)." should be corrected to "(Duell et al.,2013).

7. At line 5 of the third paragraph of the discussion (page 11), "(Ford ES et al.,2007)." Should be corrected "(Ford ES et al.,2007)." should be corrected to "(Ford et al.,2007)".

8. At the last line of the third paragraph of the discussion (page 11) "(Dalgård C et al.,2013)." should be corrected to "(Dalgård et al.,2013) ".

9. At the last line of the fourth paragraph of discussion (page 12) "(Erichsen HC et al., 2005)." should be corrected to "(Erichsen et al., 2005)".

10. At the last line of the fifth paragraph of the discussion (page 12), "(Duell EJ et al.,2013)." should be corrected to "(Duell et al.,2013)".

11. At the last line of discussion (page 13), "(Chen AA et al.,2009)." should be corrected to "(Chen et al.,2009)".

### **References:**

"Chen, A., Marsit, C., Christensen, B., Houseman, E., McClean, M., Smith, J., Bryan, J., Posner, .1  
M., Nelson, H. and Kelsey, K.,. (2009) Genetic variation in the vitamin C transporter, SLC23A2,  
modifies the risk of HPV16-associated head and neck cancer. *Carcinogenesis*, 30(6): 977-981."  
should be corrected Chen, A., Marsit, C., Christensen, B., Houseman, E., McClean, M., Smith, J.,

Bryan, J., Posner, M., Nelson, H. and Kelsey, K.,. Genetic variation in the vitamin C transporter, SLC23A2, modifies the risk of HPV16-associated head and neck cancer. *Carcinogenesis*, 2009; 30(6): 977-981.

"Dalgård, C, et al., (2013). Variation in the Sodium-Dependent Vitamin C Transporter 2 Gene Is Associated with Risk of Acute Coronary Syndrome among Women. PLoS ONE, 8(8), p.e70421." should be corrected to "Dalgård C , Christiansen L, Vogel U, Dethlefsen C, Tjønneland A, Overvad K.

Variation in the Sodium-Dependent Vitamin C Transporter 2 Gene Is Associated with Risk of Acute Coronary Syndrome among Women. PLoS ONE, 2013; 8(8):e70421.

"Delcourt C, et al., 2010. Nutrition and age-related eye diseases: the Alienor (Antioxydants, Lipides Essentiels, Nutrition et maladies OculaiRes) Study. *J Nutr Health Aging*, 14, pp. 854-861." should be corrected to " Delcourt C , J-F Korobelnik, P Barberger-Gateau, M-N Delyfer, M-B Rougier, M Le Goff, F Malet, J Colin, J-F Dartigues. Nutrition and age-related eye diseases: the Alienor (Antioxydants, Lipides Essentiels, Nutrition et maladies OculaiRes) Study. *J Nutr Health Aging*, 2010; 14: 854-861."

"Duell, E., et al. (2013). Vitamin C transporter gene (SLC23A1 and SLC23A2) polymorphisms, plasma vitamin C levels, and gastric cancer risk in the EPIC cohort. *Genes & Nutrition*, 8(6), pp.549-560s" should be corrected

"Duell EJ, Lujan-Barroso L, Llivina C, Muñoz X, Jenab M., et al. Vitamin C transporter gene (SLC23A1 and SLC23A2) polymorphisms, plasma vitamin C levels, and gastric cancer risk in the EPIC cohort. *Genes & Nutrition*, 2013; 8(6):549-560s".

"Erichsen, H, et al., (2005). Genetic Variation in the Sodium-dependent Vitamin C Transporters, SLC23A1, and SLC23A2 and Risk for Preterm Delivery. *American Journal of Epidemiology*, 163(3), pp.245-254" should be corrected to " Erichsen HC, Peters U, Eck P, Welch R, Schoen RE, Yeager M, Levine M, Hayes RB, and Chanock S. Genetic Variation in the Sodium-dependent Vitamin C Transporters, SLC23A1, and SLC23A2 and Risk for Preterm Delivery. *American Journal of Epidemiology*, 2005; 163(3):245-254."

Evidence for RPGRIP1 gene as risk factor for primary open angle glaucoma. "Fernández-Martínez L, et al., (2011) angle glaucoma. *Eur J Hum Genet*, 19, pp. 445-451" should be corrected to " Fernández-Martínez L, Letteboer S, Mardin CY, Weisschuh N, Gramer E, Weber BHF, Rautenstrauss B, et al. Evidence for RPGRIP1 gene as risk factor for primary open angle glaucoma. *Eur J Hum Genet*, 2011; 19: 445-451".

"Ford ES, Ajani UA, Croft JB, Critchley JA, Labarthe DR et al., 2007. Explaining the decrease in U.S. deaths from coronary disease, 1980–2000. *N Engl J Med*, 356, pp. 2388–2398" should be corrected to " Ford ES, Ajani UA, Croft JB, Critchley JA, Labarthe DR et al., Explaining the decrease in U.S. deaths from coronary disease, 1980–2000. *N Engl J Med*, 2007; 356: 2388–2398".

"Kannan R, Stolz A, Ji Q, Prasad PD, Ganapathy V., 2001. Vitamin C transport in human lens epithelial cells: evidence for the presence of SVCT2. *Exp Eye Res*, 73, pp. 159-165" should be corrected to " Kannan R, Stolz A, Ji Q, Prasad PD, Ganapathy V., Vitamin C transport in human lens epithelial cells: evidence for the presence of SVCT2. *Exp Eye Res*, 2001; 73: 159-165".

"Liang,W.J. et al., 2002. Regulation of the human vitamin C transporters expressed in COS-1 cells by protein kinase C [corrected]. *Am. J. Physiol. Cell Physiol.* 283, pp. C1696–C1704" should be corrected to " [Liang WJ, Johnson D, Ma LS, Jarvis SM, Wei-Jun L.](#) . Regulation of the human vitamin C transporters expressed in COS-1 cells by protein kinase C [corrected]. *Am. J. Physiol. Cell Physiol.* 2002; 283: C1696–C1704" . .9

"Munger,K. et al., 2004. Mechanisms of human papillomavirus-induced oncogenesis. *J. Virol.*, 78, pp.11451–11460" should be corrected to " [Münger K, Baldwin A, Edwards KM, Hayakawa H, Nguyen CL, Owens M, Grace M, Huh K.](#) Mechanisms of human papillomavirus-induced oncogenesis. *J. Virol.*, 2004; 78:11451–11460." .10

"Pal J, Sanal MG, Gopal GJ., 2011. Vitamin-C as anti-Helicobacter pylori agent: more prophylactic than curative- Critical review. *Indian J Pharmacol*, 43 pp. 624–627" should be corrected to " [Pal J, Sanal MG, Gopal GJ.](#) Vitamin-C as anti-Helicobacter pylori agent: more prophylactic than curative- Critical review. *Indian J Pharmacol*, 2011; 43: 624–627." .11

"Shaghghi, M., Kloss, O. and Eck, P., 2016. Genetic Variation In Human Vitamin C Transporter Genes In Common Complex Diseases. *Advances in Nutrition*, 7(2),pp.287-298" should be corrected to " [Shaghghi, M., Kloss, O. and Eck, P.](#) Genetic Variation In Human Vitamin C Transporter Genes In Common Complex Diseases. *Advances in Nutrition*, 2016; 7(2): 287-298." .12

[Zanon-Moreno V, Ciancotti-Olivares L , Asencio J , Sanz P, et al.](#) Association between a *SLC23A2* gene variation, plasma vitamin C levels, and risk of glaucoma in a Mediterranean population. *Mol Vis.* 2011; 17: 2997–3004. .13

" Zhang HM, Wakisaka N, Maeda O, Yamamoto T., 1997. Vitamin C inhibits the growth of a bacterial risk factor for gastric carcinoma: Helicobacter pylori. *Cancer*, 80, pp. 1897–1903" should be corrected to " [Zhang HM, Wakisaka N, Maeda O, Yamamoto T.](#) Vitamin C inhibits the growth of a bacterial risk factor for gastric carcinoma: Helicobacter pylori. *Cancer*, 1997; 80: 1897–1903." .14

### **Editor's Details:**

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