Nitrite in saliva increases gastric mucosal blood flow and mucus thickness

Håkan Björne, Joel Petersson, Mia Phillipson, Eddie Weitzberg, Lena Holm, and Jon O. Lundberg


During the preparation of this manuscript for publication, errors were introduced into reference 58. The correct reference appears below:


The adaptive imbalance in base excision-repair enzymes generates microsatellite instability in chronic inflammation


In Figure 3, incorrect confidence intervals are shown. The correct figure appears below:

Figure 3
(a and b) Correlation between MSI and AAG (a) or APE1 (b) activity. Bar graphs represent means ± SEM. There was a significant trend for MSI and AAG activity (robust regression analysis, P = 0.0012). Although this trend was not observed between MSI and APE1, there was a significant increase in APE1 activity in the MSI-High group (n = 5; one-way ANOVA with Scheffe multiple comparison test, P = 0.0004). *, AAG activity is significantly higher in the MSI-High group (n = 5) than in the microsatellite stable group (n = 15). **, AAG activity is significantly higher in the MSI-High group (n = 5) than in the MSI-Low group (n = 10). ***, APE1 activity is significantly higher in the MSI-High group (n = 5) than in the MSI-Low (n = 10) and microsatellite stable (n = 15) groups. (c–e) Number of samples belonging to a specific AAG and APE1 activity category. AAG and APE1 activities were ranked in order, then placed into tertiles as samples with activity belonging to the Lower 1/3, Middle 1/3, or Top 1/3. (c) Of the 60 samples, 43 did not have a band shift and were characterized as microsatellite stable samples. (d) Of the 60 samples, 11 had a band shift in one of the markers examined (including TGFβRII and BLM) and were characterized as MSI-Low samples. (e) Of the 60 samples, six had a band shift in two or more of the markers examined (including TGFβRII and BLM) and were characterized as MSI-High samples. Shaded boxes represent activities where there is an imbalance of AAG and APE1 activities. The simple κ statistic indicates a trend for imbalance between AAG and APE1 as MSI levels increase. The simple κ statistic of 1.0 indicates no imbalance. A simple κ statistic moving toward zero indicates greater imbalance between the two enzymes.