



September 14th, 2016

Name of Journal: World Journal of Gastroenterology
Manuscript Type: Basic Study

Title of manuscript: Effects of asymmetric dimethylarginine on renal arteries in portal hypertension and cirrhosis

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Biostatistics statement

Statistical analysis

All values are expressed as mean \pm SEM. Relaxation was expressed as a percentage of the norepinephrine-induced contraction. The pD_2 (negative logarithm of the molar concentration at which half-maximum response occurs) was determined from individual concentration-response curves by non-linear regression analysis. Area under the concentration-response curve (AUC) was calculated from each individual concentration-response curve to acetylcholine and was expressed as arbitrary units. The contribution of NO to the vascular relaxation induced by acetylcholine was calculated by subtracting from the AUC for acetylcholine the AUC for acetylcholine in the presence of L-NAME or ADMA. All n values are presented as the number of rats. One- or two-way analyses of variance (ANOVA) were performed followed by Bonferroni's post-test. The level of statistical significance was $P < 0.05$. The statistical analysis was carried out using Prism 4 software (GraphPad Software Inc., USA).

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