Supplemental Material
Figure S1. Blood pressure without anesthesia was measured by tail cuff at each time point. Data were analyzed using the Student’s t-test. Results are presented as mean ± SEM (n = 6–8 each).
**Figure S2.** Lysyl oxidase (LOX) activity was measured in serum samples of rats in the two groups. Relative ratio of LOX activity of the vehicle and the anagliptin groups to that of the control group were statistically compared. Results are presented as mean ± SEM (n = 6–7 each).

** P < 0.01. C; control, V; vehicle group, A; anagliptin group
**Figure S3.** Anagliptin treatment did not suppress inflammation in endothelial cells of IAs. The gene expression of *intercellular adhesion molecule 1* (*Icam-1*) and *E-selectin* in cerebral arteries was evaluated using real-time PCR. Results are presented as mean ± SEM (n = 6–8 each). * P < 0.05, ** P < 0.01. V; vehicle group, A; anagliptin group.