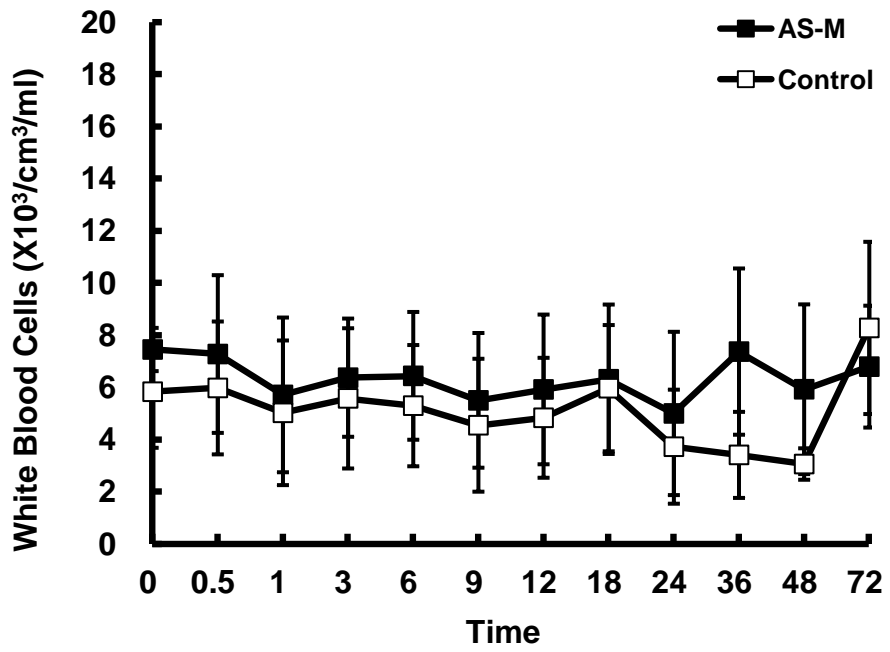


## **Supplementary materials**

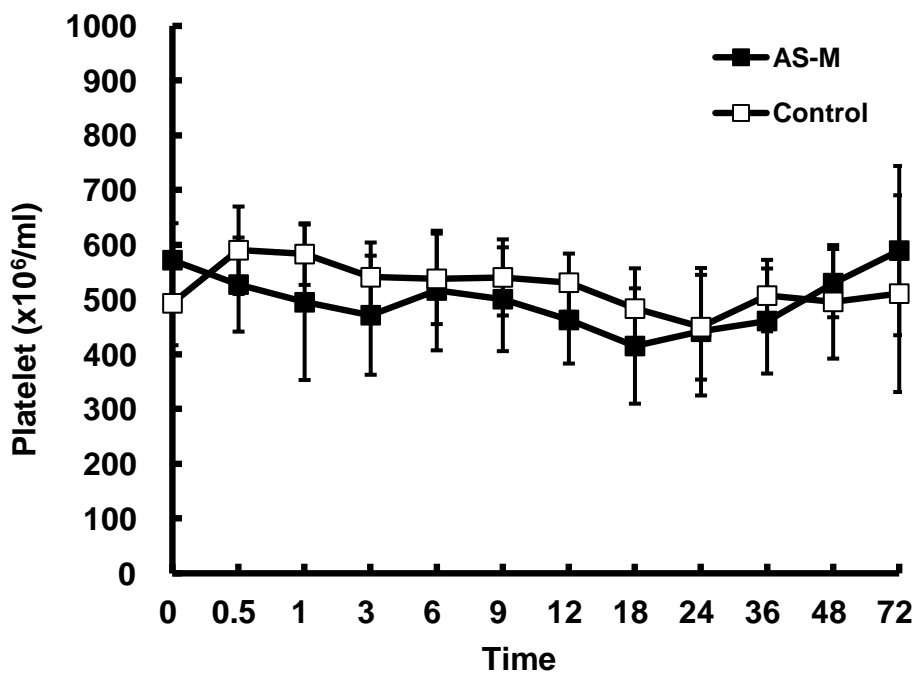
### ***Blood biochemical index***

Wistar rats (males, 350-370 g BW, n=6) were treated with 1 g/kg AS-M, blood samples were collected at 0, 0.5, 1, 3, 6, 9, 12, 18, 24, 36, 48, and 72 h. Blood samples were collected and immediately centrifuged at  $3,000 \times g$  for 10 min. Blood urea nitrogen (BUN), creatinine, glutamate oxaloacetate transaminase (GOT), glutamate pyruvate transaminase (GPT), white blood cells (WBC), platelets, and lymphocytes were measured with an autoanalyzer (Vitros 750, Johnson & Johnson Co., NY, USA) to evaluate various organ functions. BUN and creatinine are measurements of renal function. GOT and GPT are commonly measured in clinical settings as a part of a diagnostic liver function test. WBC and lymphocyte counts are measurements of immune system function.

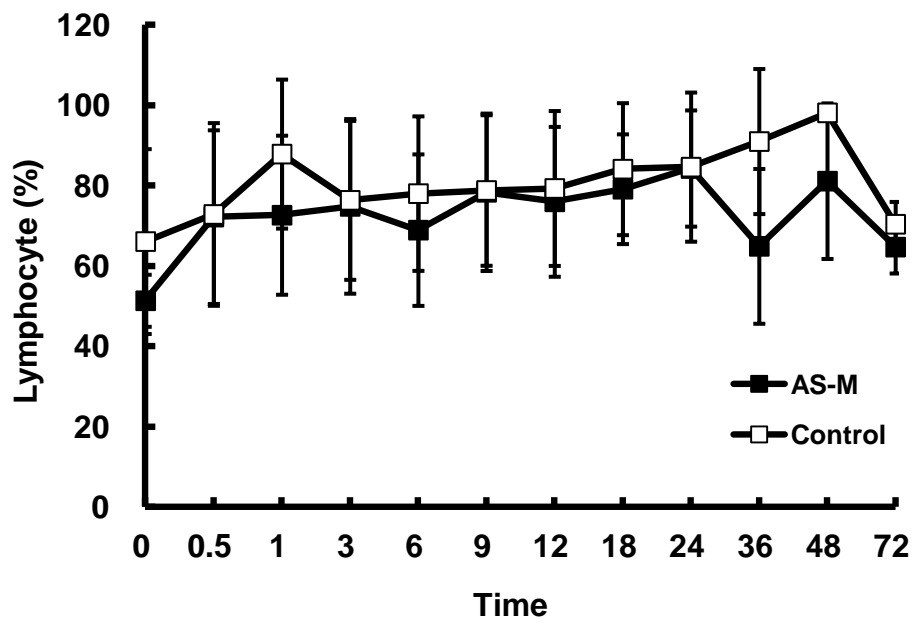
A



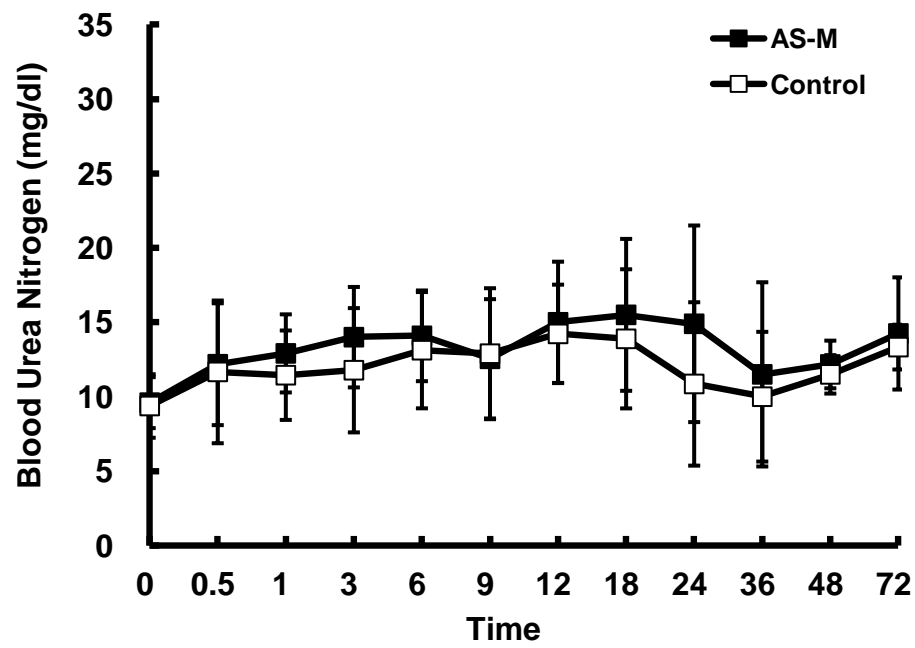
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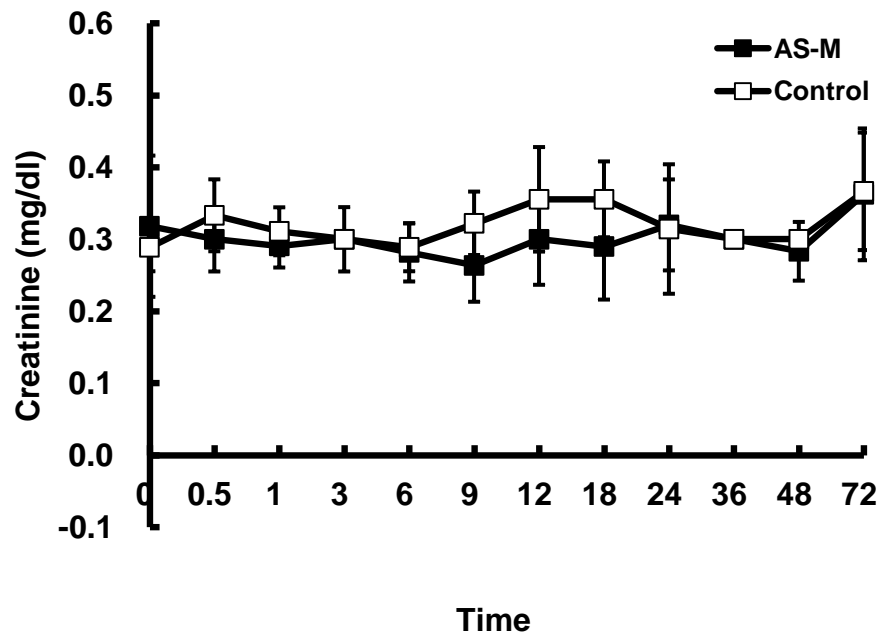
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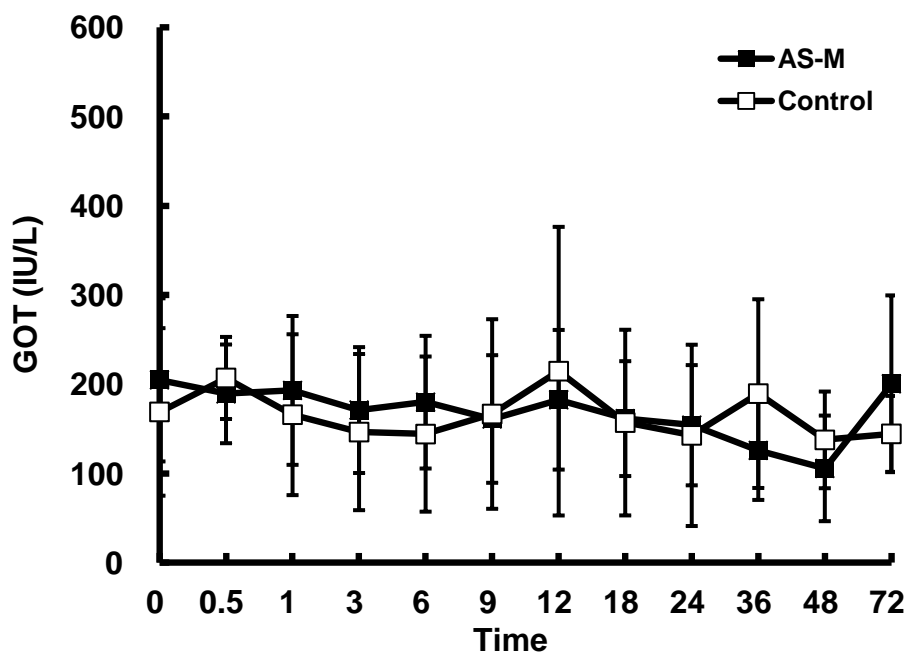
D



E



F



G

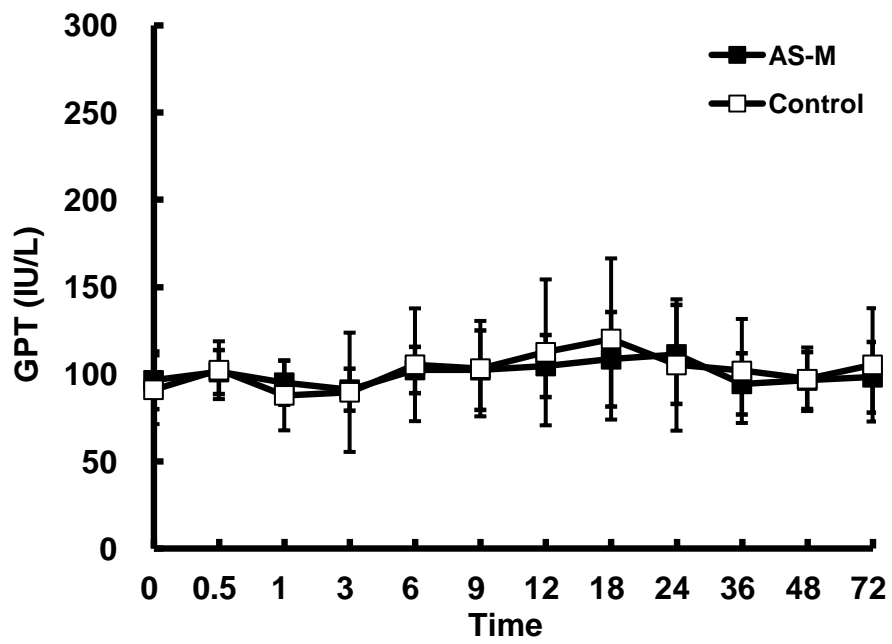


Figure S1. The serum levels of (A) WBC, (B) platelet, (C) lymphocyte, (D) BUN, (E) creatinine, (F) GOT, and (G) GPT in AS-M-treated rats. All values are mean  $\pm$  SD of three independent experiment (n=10)