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Authors: Weimin Zhang, Wuren Ma, Jing Zhang, Xiaoping

Song, Wenjing Sun, Yunpeng Fan

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### ACCEPTED MANUSCRIPT

# The immunoregulatory activities of astragalus polysaccharide liposome on macrophages and dendritic cells

Weimin Zhang<sup>a,1</sup>, Wuren Ma<sup>a,1</sup>, Jing Zhang<sup>b</sup>, Xiaoping Song<sup>a\*</sup>, Wenjing Sun<sup>a</sup>, Yunpeng Fan<sup>a\*</sup>

- <sup>a</sup> College of Veterinary Medicine, Northwest A&F University, Yangling, Shaanxi
  712100, PR China
- <sup>b</sup> Wuhan Huisheng Biotechnology Group, Wuhan, Hubei 430042, PR China
- <sup>1</sup> These authors contributed equally to this work.
- \* Correspondence and reprint requests: Yunpeng Fan, Ph D; Institute of Traditional Chinese Veterinary Medicine, College of Veterinary Medicine, Northwest A&F University, Yangling, Shaanxi 712100, P R China; E-mail: ypfan@nwsuaf.edu.cn; Tel: 0086-29-87091117; Fax: 0086-29-87091032.

### Highlights

- 1. The immunomodulatory activities of APSL were studied.
- 2. APSL could significantly improve the activity of macrophages.
- 3. APSL could also remarkably enhance the activity of DCs.
- 4. The effect of APSL was significantly higher than APS.

#### **Abstract**

The objective of this study is to investigate the immunomodulatory activities of astragalus polysaccharide liposome (APSL) on murine peritoneal macrophages and bone marrow derived dendritic cells (DCs). The results showed that APSL not only

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