

# Accepted Manuscript

*L*-arginine supplementation in sow diet during late gestation decrease stillborn piglet, increase piglet birth weight and increase immunoglobulin G concentration in colostrum



Morakot Nuntapaitoon, Ramon Muns, Peter K. Theil, Padet Tummaruk

PII: S0093-691X(18)30638-1  
DOI: 10.1016/j.theriogenology.2018.08.012  
Reference: THE 14671  
To appear in: *Theriogenology*  
Received Date: 12 April 2017  
Accepted Date: 07 August 2018

Please cite this article as: Morakot Nuntapaitoon, Ramon Muns, Peter K. Theil, Padet Tummaruk, *L*-arginine supplementation in sow diet during late gestation decrease stillborn piglet, increase piglet birth weight and increase immunoglobulin G concentration in colostrum, *Theriogenology* (2018), doi: 10.1016/j.theriogenology.2018.08.012

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1 ***L*-arginine supplementation in sow diet during late gestation decrease stillborn**  
2 **piglet, increase piglet birth weight and increase immunoglobulin G**  
3 **concentration in colostrum**

4  
5 Morakot Nuntapaitoon<sup>a,d</sup>, Ramon Muns<sup>b</sup>, Peter K. Theil<sup>c</sup>, Padet Tummaruk<sup>a,d,\*</sup>

6  
7 <sup>a</sup> Department of Obstetrics, Gynaecology and Reproduction, Faculty of Veterinary Science,

8 Chulalongkorn University, Pathumwan, Bangkok, 10330, Thailand

9 <sup>b</sup> Agri-Food and Biosciences Institute, Large Park, Hillsborough, Co Down, Northern Ireland BT 26 6DR,

10 United Kingdom

11 <sup>c</sup> Department of Animal Science, Aarhus University, DK-8830 Tjele, Denmark

12 <sup>d</sup> Swine Reproduction Research Unit, Chulalongkorn University, Pathumwan, Bangkok, 10330, Thailand

13  
14 \* Corresponding author. Department of Obstetrics, Gynaecology and Reproduction, Faculty of Veterinary  
15 Science, Chulalongkorn University, Bangkok, 10330, Thailand.

16 E-mail address: [Padet.t@chula.ac.th](mailto:Padet.t@chula.ac.th) (P. Tummaruk)

17

18

Download English Version:

<https://daneshyari.com/en/article/8943816>

Download Persian Version:

<https://daneshyari.com/article/8943816>

[Daneshyari.com](https://daneshyari.com)