

Accepted Manuscript

Attenuation of heat stress-induced spermatogenesis complications by betaine in mice

Somayeh Shadmehr, Seyed Reza FatemiTabatabaei, Shima Hosseinifar, Mohammad Reza Tabandeh, Alireza Amiri



PII: S0093-691X(17)30482-X

DOI: [10.1016/j.theriogenology.2017.10.008](https://doi.org/10.1016/j.theriogenology.2017.10.008)

Reference: THE 14291

To appear in: *Theriogenology*

Received Date: 7 October 2016

Revised Date: 4 October 2017

Accepted Date: 4 October 2017

Please cite this article as: Shadmehr S, FatemiTabatabaei SR, Hosseinifar S, Tabandeh MR, Amiri A, Attenuation of heat stress-induced spermatogenesis complications by betaine in mice, *Theriogenology* (2017), doi: 10.1016/j.theriogenology.2017.10.008.

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.

"Revised"

Title

Attenuation of heat stress-induced spermatogenesis complications by betaine in mice

Running Title

Attenuation of heat stress-induced spermatogenesis complications

Authors

**Somayeh Shadmehr^a, Seyed Reza FatemiTabatabaei^{a*}, Shima. Hosseinifar^a, Mohammad Reza Tabandeh^a,
Alireza Amiri^a**

Affiliation of authors

**^a:Department of Basic Sciences, Faculty of Veterinary Medicine, Shahid Chamran University of Ahvaz,
Ahvaz, Iran**

***Correspondence**

**Department of Science Faculty of Veterinary Medicine, Shahid Chamran University of Ahvaz, Golestan Ave.,
Ahvaz, Iran.**

Tel.: +989163138807

E-mail: srfataba@scu.ac.ir

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات