

Accepted Manuscript

The effects of crocetin supplementation on the blastocyst outcome, transcriptomic and metabolic profile of *in vitro produced* bovine embryos

E.C. dos Santos, R. Varchetta, C.B. de Lima, J. Ispada, H.S. Martinho, P.K. Fontes, M.F.G. Nogueira, B. Gasparrini, M.P. Milazzotto



PII: S0093-691X(18)30275-9

DOI: [10.1016/j.theriogenology.2018.08.010](https://doi.org/10.1016/j.theriogenology.2018.08.010)

Reference: THE 14669

To appear in: *Theriogenology*

Received Date: 31 May 2018

Revised Date: 6 August 2018

Accepted Date: 7 August 2018

Please cite this article as: dos Santos EC, Varchetta R, de Lima CB, Ispada J, Martinho HS, Fontes PK, Nogueira MFG, Gasparrini B, Milazzotto MP, The effects of crocetin supplementation on the blastocyst outcome, transcriptomic and metabolic profile of *in vitro produced* bovine embryos, *Theriogenology* (2018), doi: 10.1016/j.theriogenology.2018.08.010.

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.

The effects of crocetin supplementation on the blastocyst outcome, transcriptomic and metabolic profile of *in vitro* produced bovine embryos

dos Santos, EC¹; Varchetta, R²; de Lima, CB¹; Ispada, J¹; Martinho, HS¹; Fontes, PK³; Nogueira, MFG⁴; Gasparrini, B^{2*}; Milazzotto, MP¹.

Affiliations:

¹Laboratory of Cellular and Molecular Biology, Center of Natural Sciences and Humanities, Universidade Federal do ABC. Santo André, SP, Brazil.

²Department of Veterinary Medicine and Animal Production, Federico II University, Naples, Italy

³Universidade Estadual Paulista (UNESP), Institute of Biosciences, Campus Botucatu, São Paulo, Brazil.

⁴Universidade Estadual Paulista (UNESP), School of Sciences and Languages, Campus Assis, Department of Biological Sciences, Assis, São Paulo, Brazil.

The first two authors contributed equally to this article.

*** Corresponding author:** Bianca Gasparrini, DVM, PhD, Dipartimento di Medicina Veterinaria e Produzioni Animali, Federico II University: Via F. Delpino 1, 80137 Naples, Italy. Tel: +39 081 2536284/461, Fax: +39 081 292981. Email address: bgasparr@unina.it.

Download English Version:

<https://daneshyari.com/en/article/11025945>

Download Persian Version:

<https://daneshyari.com/article/11025945>

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