Accepted Manuscript

Formulation, physical, *in vitro* and *ex vivo* evaluation of nanomedicine-based chemosterilant for non-surgical castration of male animals

Sasithon Pagseesing, Jakarwan Yostawonkul, Suvimol Surassmo, Suwimon Boonrungsiman, Katawut Namdee, Mattaka Khongkow, Chatwalee Boonthum, Tawin lempridee, Uracha Rungsardthong Ruktanonchai, Nattika Saengkrit, Kaywalee Chatdarong, Suppawiwat Ponglowhapan, Teerapong Yata

PII: S0093-691X(17)30603-9

DOI: 10.1016/j.theriogenology.2017.12.014

Reference: THE 14384

To appear in: Theriogenology

Received Date: 24 July 2017

Revised Date: 12 November 2017 Accepted Date: 3 December 2017

Please cite this article as: Pagseesing S, Yostawonkul J, Surassmo S, Boonrungsiman S, Namdee K, Khongkow M, Boonthum C, Iempridee T, Ruktanonchai UR, Saengkrit N, Chatdarong K, Ponglowhapan S, Yata T, Formulation, physical, *in vitro* and *ex vivo* evaluation of nanomedicine-based chemosterilant for non-surgical castration of male animals, *Theriogenology* (2018), doi: 10.1016/j.theriogenology.2017.12.014.

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.



ACCEPTED MANUSCRIPT

1 Title

- 2 Formulation, physical, in vitro and ex vivo evaluation of nanomedicine-based
- 3 chemosterilant for non-surgical castration of male animals

4 Authors

- 5 Sasithon Pagseesing¹, Jakarwan Yostawonkul², Suvimol Surassmo², Suwimon
- 6 Boonrungsiman², Katawut Namdee², Mattaka Khongkow², Chatwalee
- 7 Boonthum¹, Tawin Iempridee², Uracha Rungsardthong Ruktanonchai², Nattika
- 8 Saengkrit², Kaywalee Chatdarong¹, Suppawiwat Ponglowhapan¹*, and
- 9 Teerapong Yata²*

10 Authors' affiliation

- ¹Department of Obstetrics, Gynaecology and Reproduction, Faculty of
- 12 Veterinary Science, Chulalongkorn University, Bangkok, Thailand
- ²National Nanotechnology Centre (NANOTEC), National Science and
- 14 Technology Development Agency, Pathumthani, Thailand

15 Correspondence:

- 16 Teerapong Yata
- 17 National Nanotechnology Centre (NANOTEC), National Science and
- 18 Technology Development Agency, 111 Thailand Science Park, Paholyothin
- 19 Rd., Klong Luang, Pathumthani 12120, Thailand.
- 20 Phone +66 2117 6549, Fax +66 2564 6985
- 21 E-Mail: <u>teerapong@nanotec.or.th</u>
- 22 Suppawiwat Ponglowhapan

Download English Version:

https://daneshyari.com/en/article/8427712

Download Persian Version:

https://daneshyari.com/article/8427712

<u>Daneshyari.com</u>