

## Accepted Manuscript

Title: Isolation and enrichment of putative spermatogonial stem cells from ram (*Ovis aries*) testis

Authors: Krishnan B. Binsila, Sellappan Selvaraju, Subrata Kumar Ghosh, Sivashanmugam Parthipan, Santhanahalli Siddalingappa Archana, Arunachalam Arangasamy, Jai Kishan Prasad, Raghavendra Bhatta, Janivara Parameshwaraiah Ravindra



PII: S0378-4320(17)30943-0  
DOI: <https://doi.org/10.1016/j.anireprosci.2018.04.070>  
Reference: ANIREP 5833

To appear in: *Animal Reproduction Science*

Received date: 23-11-2017  
Revised date: 1-4-2018  
Accepted date: 13-4-2018

Please cite this article as: Binsila KB, Selvaraju S, Ghosh SK, Parthipan S, Archana SS, Arangasamy A, Prasad JK, Bhatta R, Ravindra JP, Isolation and enrichment of putative spermatogonial stem cells from ram (*Ovis aries*) testis, *Animal Reproduction Science* (2018), <https://doi.org/10.1016/j.anireprosci.2018.04.070>

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.

**Isolation and enrichment of putative spermatogonial stem cells from ram (*Ovis aries*) testis**

Running title: Enrichment of putative SSCs from ram testis

Krishnan B Binsila<sup>a,d</sup>, Sellappan Selvaraju<sup>a,\*</sup>, Subrata Kumar Ghosh<sup>b</sup>, Sivashanmugam Parthipan<sup>a</sup>, Santhanahalli Siddalingappa Archana<sup>a</sup>, Arunachalam Arangasamy<sup>a</sup>, Jai Kishan Prasad<sup>b</sup>, Raghavendra Bhatta<sup>c</sup> and Janivara Parameshwaraiah Ravindra<sup>a</sup>

<sup>a</sup>Reproductive Physiology Laboratory, Animal Physiology Division, Indian Council of Agricultural Research-National Institute of Animal Nutrition and Physiology, Bengaluru 560 030, India.

<sup>b</sup>Animal Reproduction Division, Indian Council of Agricultural Research-Indian Veterinary Research Institute, Izatnagar 243 122, India.

<sup>c</sup>Director, Indian Council of Agricultural Research-National Institute of Animal Nutrition and Physiology, Bengaluru 560 030, India.

<sup>d</sup>PhD Scholar, Animal Reproduction Division, Indian Council of Agricultural Research-Indian Veterinary Research Institute, Izatnagar 243 122, India.

\*Corresponding author, Email: Selvaraju.S@icar.gov.in

Ph: 91-80-25711304; Fax: 91-80-25711420

Download English Version:

<https://daneshyari.com/en/article/8949557>

Download Persian Version:

<https://daneshyari.com/article/8949557>

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