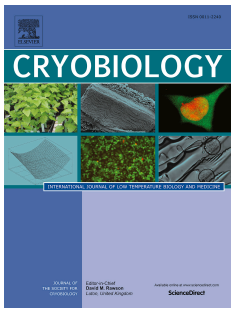
Accepted Manuscript



Improvement of post-thaw sperm survivals using liquid nitrogen vapor in a spermcasting oyster *Ostrea angasi*

Md Mahbubul Hassan, Xiaoxu Li, Jian G. Qin

PII: S0011-2240(17)30141-4

DOI: 10.1016/j.cryobiol.2017.08.003

Reference: YCRYO 3875

To appear in: *Cryobiology*

Received Date: 12 April 2017

Revised Date: 18 July 2017

Accepted Date: 8 August 2017

Please cite this article as: M.M. Hassan, X. Li, J.G. Qin, Improvement of post-thaw sperm survivals using liquid nitrogen vapor in a spermcasting oyster *Ostrea angasi*, *Cryobiology* (2017), doi: 10.1016/j.cryobiol.2017.08.003.

Improvement of post-thaw sperm survivals using liquid nitrogen vapour in a spermcasting oyster *Ostrea angasi*

Md Mahbubul Hassan[a,c], Xiaoxu Li[b*] and Jian G. Qin[a]

[a]School of Biological Sciences, Flinders University, GPO Box 2100, Adelaide, SA 5001, Australia

[b]Aquatic Sciences, South Australian Research and Development Institute, 2 Hamra Avenue, West Beach, SA 5024, Australia

[c]Department of Fisheries Biology and Genetics, Hajee Mohammad Danesh Science and Technology University, Dinajpur 5200, Bangladesh

*Corresponding author

Email: xiaoxu.li@sa.gov.au