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# LUCRĂRI ȘTIINȚIFICE

**Drd. Med. Vet. Neculai-Văleanu Andra Sabina**

## Lucrări publicate in extensor

### *Prim autor*

- *In reviste indexate ISI*

1. S. Valeanu, A. Johannisson, N. Lundeheim, J.M. Morrell - Seasonal variation in sperm quality parameters in Swedish Red dairy bulls used for artificial insemination. LIVESTOCK SCIENCE, **FACTOR IMPACT=1.1**, <http://dx.doi.org/10.1016/j.livsci.2014.12.005>
2. Neculai-Valeanu S, Dan Drugociu, Petru Rosca - Effect of Single layer centrifugation using Bovipure on frozen-thaw bovine sperm during a 6 hours survival test Acceptata pentru publicare in Romanian Biotechnological Letters, **FACTOR IMPACT= 0.363** (Acceptata spre publicare)

- *In reviste indexate B+*

3. Neculai-Valeanu A. S., Drugociu D., Rosca P. 2014 - IN VITRO INDUCTION OF THE ACROSOME REACTION IN FROZEN THAWED SPERMATOZOA FROM DIFFERENT CATTLE BREEDS - Bulletin USAVM Animal Science and Biotechnologies 71(2), Print ISSN 1843-5262; Electronic ISSN 1843-536X ; DOI:10.15835/buasvmcn-asb:10493 (BDI).
4. Neculai-Valeanu A. S., Drugociu D., 2014 - BIOMIMETIC TECHNOLOGIES-USEFULL TOOL IN CONSERVATION OF ENDANGERED SPECIES - International Journal of Conservation Science. Volum 5, Issue 3 (**Indexat Scopus**).
5. Neculai-Valeanu A. S. - TEHNICILE BIOMIMETICE DE SELECȚIE A SPERMATOZOIZILOR - METODELE PENTRU ÎMBUNĂȚĂȚIREA CALITATII



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6. Neculai-Valeanu A. S., Drugociu D., Rosca P. 2014 - CORRELATION AMONG MOTILITY, MORPHOLOGY, VIABILITY AND DAMAGED CHROMATINE OF CRYOPRESERVED BULL SPERMATOZOA - Lucrari Stiintifice, Seria Medicina Veterinara, Volum 57, nr 1-2, 97-101 (BDI).
7. Neculai-Valeanu A. S., Drugociu D., Rosca P. 2014 - EVALUATION OF ACROSOME REACTION STATUS OF FROZEN-THAWED BULL SPERMATOZOA USING LIGHT MICROSCOPY METHODS - Lucrari Stiintifice, Seria Medicina Veterinara, Volum 57, nr 1-2, 92-96 (BDI).
8. Sabina Valeanu, D. Drugociu, Petru Rosca, 2013- DNA fragmentation induction using hydrogen peroxide – comparative in vitro study on semen from dairy and beef bulls, World Journal of Pharmaceutical Research, Volume 2, Issue 6, pag. 2843-2853
9. Sabina Valeanu, D. Drugociu, Cristina Loredana Bulbasa (Panaite), P. Rosca, 2011- CYTOMORPHOMETRIC AND CYTOTOPOCHEMICAL ASPECTS REGARDING THE CRYOBIOLOGICAL SPERMOGRAM IN ANGUS BREAD BULLS, Lucrări Științifice, seria Medicină Veterinară 06/2011; vol. 54 (13):258.

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11. Bogdan Doroftei, **Neculai-Valeanu S**, Gabriela Simionescu - Hormonal modulation of the sperm acrosome reaction - Lucrari Stiintifice, Seria Medicina Veterinara, Volum 57, nr 1-2, 108-115 (BDI).



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## Lucrări comunicate la Conferințe/Simpozioane/Congrese Naționale și Internationale

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  2. Sabina Neculai-Valeanu, Dan Drugociu, Petru Rosca- The dynamic of the nuclear DNA longevity in cryopreserved bull spermatozoa assessed using the Sperm-Bos-Halomax, The 13th International Symposium "Prospects for 3rd millennium agriculture", 25th -27th September 2014
  3. Sabina NECULAI-Valeanu, Dan Drugociu, Petru Rosca- Evaluarea statusului acrozomului in cazul spermei congelate de taur utilizand coloratia Spermac, Simpozionul Stiintific Studentesc USAMV, aprilie 2014
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    5. Sabina Valeanu, Dan Drugociu, Petru Rosca- DNA fragmentation induction using hydrogen peroxide – comparative in vitro study on semen from dairy and beef bulls Conference: European Biotechnology Congress 2013, BRATISLAVA, Current Opinion in Biotechnology, Volume 24, Supplement 1, July 2013, Pages S56, FACTOR IMPACT=8.035, <http://dx.doi:10.1016/j.copbio.2013.05.140>
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8. L. Tarțău, **A. S. Valeanu**, C.E. Lupusoru- Effects of magnesium and zinc on the memory processes performance in mice. European Neuropsychopharmacology, BARCELONA; 09/2012.