

Omran Ahmed

Algriany



Contact

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Languages

Arabic - native

English - fluent

Summary

PhD in reproductive biology. Broad range experience in tissue culture with different molecular biology techniques in research and diagnostic laboratories.

Professional skills

- Analysis of gene expression e.g. DAN-RNA extraction, quantitative real time PCR and Real-time PCR data analysis qualitative PCR, microarray generation and analysis, gene cloning, PCR primer design, gel electrophoresis, western blot, spectrophotometry, immunohistochemistry.
- Different cell staining techniques (Special staining fluorescent microscopy, confocal microscopy).
- Reproductive biotechnology and developmental biology culture techniques like invitro oocyte maturation (IVM), invitro fertilization (IVF), invitro embryo culture (IVC), and a range of relevant skills to tissue culture and manipulation.
- Laboratory safety Practices
- Laboratory animal science techniques
- Microsoft office, SPSS statistical package, endnote, Zotero, ImageJ

Education

- PhD, FACULTY OF VETERINARY MEDICINE, UTRECHT UNIVERSITY, THE NEHERLANDS. (2007)
“Expression analysis of genes implicated in meiotic resumption in vivo and developmental competence of bovine oocytes”
 - MSc, FACULTY OF AGRICULTURE, SZINT ISTVAN UNIVERSITY, HUNGARY.(1999)
“Reproductive technologies in sheep and goats”
 - BACHELOR OF VETERINARY SCIENCES, FACULTY OF VETERINARY MEDICINE, TRIPLI, LIBYA. (1991)
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Selected Publications

1. Algriany, O. Expression analysis of genes implicated in meiotic resumption in vivo and developmental competence of bovine oocytes, PhD thesis, Utrecht University. ISBN:978-90-393-44835.
<http://dspace.library.uu.nl/bitstream/handle/1874/20743/index.htm;jsessionid=B5B1E4A6AF20900372C3FAFBDA57B601?sequence=12>
2. Abdoslam O, Bayt-Almal M, Almghrbe A, Algriany O Serum protein electrophoretic pattern in one-humped camels (*Camelus dromedarius*) in Tripoli, Libya. *Open Vet J.* 2018;8(1):1-4.
3. Assidi M, Dufort I, Ali A, Hamel M, Algriany O, Dieleman S, Sirard MA. Identification of Potential Markers of Oocyte Competence Expressed in Bovine Cumulus Cells Matured with Follicle-Stimulating Hormone and/or Phorbol Myristate Acetate In Vitro. *Biology of reproduction.* 2008 Aug;79(2):209-22
4. Mourot M, Dufort I, Gravel C, Algriany O, Dieleman S, Sirard MA. The influence of follicle size, FSH-enriched maturation medium, and early cleavage on bovine oocyte maternal mRNA levels. *Molecular Reproduction and Development.* 2006 Nov;73(11):1367-79.
5. Algriany O, Bevers M, Schoevers E, Colenbrander B, Dieleman S. Follicle size-dependent effects of sow follicular fluid on in vitro cumulus expansion, nuclear maturation and blastocyst formation of sow cumulus
6. Algriany, O. Vos, P. Groenendaal, H. van Gastel, A. Colenbrander, B. Dieleman, S. J. The quality of preovulatory follicles during final maturation in cows stimulated with oFSH and a defined LH surge. *Proceeding of the 31 annual conference of the international embryo transfer society (IETS), Copenhagen, Denmark. Reproduction, Fertility and Development.* 2005, VOL 17; NUMB 1/2,

7. O. Algriany, P. L. A. M. Vos, M. A. Sirard and S. J. Dieleman. Switch in the expression of genes involved in lipid metabolism for in vivo matured bovine oocytes and blastocysts. Proceeding of the 33 annual conference of the international embryo transfer society (IETS), Kyoto, Japan, Reproduction, Fertility and Development. 2007, 19(1) 244. (Abstract)
8. Mourot, Marina, Duffort Isabelle, Gravel Catherine , Algriany Omran, Dieleman Steph , Sirard Marc Andre. Searching a multi-level developmental competence bovine oocyte gene. 38 annual meeting for the society of the study of reproduction (SSR), Quebec City, Canada, 2005. M475. (Abstract).
9. O. Algriany, I. Dufort, P.L. Vos, M.A. Sirard, S.J. Dieleman. Isolation and identification of genes associated with developmental competence in bovine oocytes using suppressive subtractive hybridization (SSH) and microarray. Annual meeting, The Flemish-Dutch Association for the Study of Fertility and Reproduction, Amsterdam, 2004. (Abstract, Oral presentation).
10. Algriany O, Schoevers E, Kidson A, Colenbrander B, Bevers M. The stimulatory effect of sow follicular fluid on in vitro oocytes developmental competence depends on follicular size. 18 th scientific meeting of European embryo transfer association, Roulduc, The Netherlands, 6-7 September 2002. P 132 (Abstract).
11. Vos PLAM, Groenedaal H, Van Gastel ACTM, Algriany O, Dieleman SJ. Impact of the accuracy of the interval between oFSH injections on follicular quality in superovulated cows. 20 th scientific meeting of European embryo transfer association, Lyon, 10-11 September 2004. P 190 (Abstract).