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| University of Baghdad |
| Veterinary Medicine | College Name |
| Surgery and obstetric | Department |
| Saad Akram Hatif  | Full Name as written in Passport |
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| **Professor**  | **Assistant Professor**  |  **Lecturer** |  **Assistant Lecturer**  | Career  |
| Morpho- anatomical of Awassi ewes genetalia at different phase of estrus : 1 The ovary | Research Title  |
| Single | Saad akram - Modhafer N El Saigh – Amer M Hussin  | Shared name  | Shared or Single |
| Basrah Journal of Veterinary Research | Published Journal title  |
|   | Volume Number |
|  | Page  |
| 2011 | Year |
| **Summary**Atotal of 99 healthy genitalia of Awassi ewes were collected from Al- Shuala government and local abattoirs for biometrical measurements of ovaries length and width of the right and left ovaries , number of follicles o.1 mm measured and more , and their diameters and the area of the total follicles occupied ( no x diametewr ) numbere of functional corpora lutea .The mean numbers of the functional corpora lutea of the right and left ovaries were 0.74 and 0.66 respectively.  | Abstract |

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| **Rams Infertility and Sperms Mitochondrial Genome Defect**  | Research Title  |
| Single | Saad Akram Hatif ,Aysar Saadoon Abbood | Shared name  | Shared or Single |
|  Al-Qadisiya Journal of Vet. Med.Sci | Published Journal title  |
| V-10 No-2 | Volume Number |
| 55-60 | Page  |
| 2011 | Year |
|  This study was included a collection of 24 semen samples from healthy rams in Baghdad province , performed in Baghdad- college of veterinary medicine .Sperms stained with florescent dye ( ethidium bromide ) and subjected to florescent microscopical examination used by UV- light to visualized the defect in the mitochondrial sheeth covered the mid piece. The results gives the abnormalities of mitochondrial mid piece (mt sheeth), the sperms appeared in **6** types of defect , included mixed defect in the same sample . The defect included **5** ( 20.8%) cases interrupted distribution of mt genome, **4** (16.6%) narrow, **10** (41.6%) thickness , **8** (33.3%)irregular , **7** (29.16%) short and **2** (8.3%) absent of mid piece . The aim of this study , determination the defect of mitochondrial sheeth of mid piece , in activity , motility , low quality of sperm and the role of infertility in ram . | Abstract |

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| Bovine oocyte maturation collected from abattoir and in vitro fertilization.. | Research Title  |
| Single | Sadaam H. Mohammad | Shared name  | Shared or Single |
| Al –Anbar J Vet. Sci., | Published Journal title  |
| Vol. ( 3 ) No (2)  | Volume Number |
|  | Page  |
| 2010 | Year |
| **Summary**This study was conducted at biotechnology center in Baghdad, eighty (80) of bovine ovaries from Al-Shualah abattoir in Baghdad after slaughtering had been collected . The total number of oocytes were obtained from ovaries by aspiration of follicles reached (71).The follicle selection method according to size from 3-7 mm. This oocytes classified into two groups according to the cumulus cells surrounded the oocyte,partially or completely.The first group included (37) oocytes completely surrounded by cumulus cells, and the second group (34)oocytes without cumulus cells.All oocytes subjected to incubation in TCM-199 medium at 38 C˚ in CO2 incubator about 24 hrs., the results indicates that (24) 64.88% of the oocytes in the first group and (16) 47.05% of the second group showed maturation. All matured oocyte were subjected to fertilization by semen which had been brought from artificial insemination center (Abu Ghraib) as straws. The result appeared (13) 54.16% fertilized oocytes in first group while the number of fertilized oocyte in second group reached (6) 46.15%, when incubation had been continued for further development, the cumulus oocyte complex give (6) 37.50% embryos in two cells to four cells (Cleavage stages). But the second group give only (2) 33.33 % embryos. No significant differences between with cumulus (WC) and without cumulus (WOC) among oocyte (p>0.05).  | Abstract |

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| Comparative study of DNA extraction from semen of cauda epididymis in ram and bull  | Research Title  |
| Single |  Sadik Zalzala  | Shared name  | Shared or Single |
| –Krbala J Vet. Sci., | Published Journal title  |
| Vol. ( 3 ) No (2)  | Volume Number |
|  | Page  |
| 2011 | Year |
|  This study included semen collection from 20 adult rams and bulls , via aspiration from tail of epididymis. All semen samples subjected to sperm count after staining with eosin . The high number of sperm count in rams show 1180000 sperm / ml , while the lower sperm count reached 450000 sperm/ ml , the mean of total samples 1139000 sperm/ ml . The maximum sperm count of bulls samples gives 99000 sperm/ ml while the minimum appeared 744000 sperm/ ml and the mean 953000 sperm/ ml. Lysis buffer used for DNA extraction from semen and spectrophotometer in order to assessment concentration of DNA samples , the concentration of DNA in rams and in bulls semen gives 3.5908 g/l and 4.4319 g/l . We are concluded that the mean of sperm count in the tail of epididymis in ram more than in the bull , and DNA concentration in ram samples less than in bull .  | Abstract |