

IVOS PUBLICATIONS (by Species)

Date	Citation	Species
2010	Sariözkan S, Bucak MN, Tuncer PB, Taşdemir U, Kinet H, Ulutaş PA. Effects of different extenders and centrifugation/washing on postthaw microscopic-oxidative stress parameters and fertilizing ability of Angora buck sperm. <i>Theriogenology</i> . 2010 Feb;73(3):316-23. Epub 2009 Oct 31. PubMed PMID: 19880169.	Angora Buck
2010	Tuncer PB, Bucak MN, Sariözkan S, Sakin F, Yeni D, Ciğerci IH, Ateşşahin A, Avdatek F, Gündoğan M, Büyükleblebici O. The effect of raffinose and methionine on frozen/thawed Angora buck (<i>Capra hircus ancyrensis</i>) semen quality, lipid peroxidation and antioxidant enzyme activities. <i>Cryobiology</i> . 2010 Aug;61(1):89-93. Epub 2010 May 31. PubMed PMID: 20515679	Angora Buck
2009	Bucak MN, Tuncer PB, Sariözkan S, Ulutaş PA, Cayan K, Başpınar N, Ozkalp B. Effects of hypotaurine, cysteamine and aminoacids solution on post-thaw microscopic and oxidative stress parameters of Angora goat semen. <i>Res Vet Sci</i> . 2009 Dec;87(3):468-72. Epub 2009 May 19. PubMed PMID: 19457525	Angora Buck
2010	Robeck TR, Steinman KJ, Montano GA, Katsumata E, Osborn S, Dalton L, Dunn JL, Schmitt T, Reidarson T, O'Brien JK. Deep intra-uterine artificial inseminations using cryopreserved spermatozoa in beluga (<i>Delphinapterus leucas</i>). <i>Theriogenology</i> . 2010 Oct 1;74(6):989-1001. Epub 2010 Jun 8. PubMed PMID: 20570326	Beluga Whale
2011	Broekhuijse ML, Feitsma H, Gadella BM. Field data analysis of boar semen quality. <i>Reprod Domest Anim</i> . 2011 Sep;46 Suppl 2:59-63. doi: 10.1111/j.1439-0531.2011.01861.x. PubMed PMID: 21884280.	Boar
2011	Broekhuijse ML, Soštarić E, Feitsma H, Gadella BM. Additional value of computer assisted semen analysis (CASA) compared to conventional motility assessments in pig artificial insemination. <i>Theriogenology</i> . 2011 Nov;76(8):1473-86.e1. Epub 2011 Aug 26. PubMed PMID: 21872316.	Boar
2011	Broekhuijse ML, Sostaric E, Feitsma H, Gadella BM. Application of computer-assisted semen analysis to explain variations in pig fertility. <i>J Anim Sci</i> . 2011 Nov 7. [Epub ahead of print] PubMed PMID: 22064743.	Boar

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2011	Feitsma H, Broekhuijse ML, Gadella BM. Do CASA systems satisfy consumers demands? A critical analysis. <i>Reprod Domest Anim.</i> 2011 Sep;46 Suppl 2:49-51. doi: 10.1111/j.1439-0531.2011.01867.x. PubMed PMID: 21884277.	Boar
2011	Vadnais ML, Althouse GC. Characterization of capacitation, cryoinjury, and the role of seminal plasma in porcine sperm. <i>Theriogenology.</i> 2011 Jul 29. [Epub ahead of print] PubMed PMID: 21803410	Boar
2010	Alberti KA, Estienne MJ, Meng XJ. Effect of vaccination of boars against porcine circovirus type 2 on ejaculate characteristics, serum antibody titers, viremia, and semen virus shedding. <i>J Anim Sci.</i> 2010 Dec 17. [Epub ahead of print] PubMed PMID: 21169515	Boar
2010	Purdy PH, Tharp N, Stewart T, Spiller SF, Blackburn HD. Implications of the pH and temperature of diluted, cooled boar semen on fresh and frozen-thawed sperm motility characteristics. <i>Theriogenology.</i> 2010 Oct 15;74(7):1304-10. Epub 2010 May 21. PubMed PMID: 20494424	Boar
2010	Vadnais ML, Roberts KP. Seminal plasma proteins inhibit in vitro- and cooling-induced capacitation in boar spermatozoa. <i>Reprod Fertil Dev.</i> 2010;22(6):893-900. PubMed PMID: 20591323.	Boar
2009	Awda BJ, Mackenzie-Bell M, Buhr MM. Reactive oxygen species and boar sperm function. <i>Biol Reprod.</i> 2009 Sep;81(3):553-61. Epub 2009 Apr 8. PubMed PMID: 19357363.	Boar
2008	Purdy PH. Swine gene banking: a quality control perspective on collection, and analysis of samples for a national repository. <i>Theriogenology.</i> 2008 Nov;70(8):1304-9. Epub 2008 Jul 21. PubMed PMID: 18640707	Boar
2008	Purdy PH. Ubiquitination and its influence in boar sperm physiology and cryopreservation. <i>Theriogenology.</i> 2008 Sep 15;70(5):818-26. Epub 2008 Jun 24. PubMed PMID: 18579194	Boar
2008	Reicks DL, Levis DG. Fertility of semen used in commercial production and the impact of sperm numbers and bacterial counts. <i>Theriogenology.</i> 2008 Nov;70(8):1377-9. Epub 2008 Sep 2. PubMed PMID: 18768216. (IVOS UltiMate)	Boar
2007	Bernabò N, Tettamanti E, Pistilli MG, Nardinocchi D, Berardinelli P, Mattioli M, Barboni B. Effects of 50 Hz extremely low frequency magnetic field on the morphology and function of boar spermatozoa capacitated in vitro. <i>Theriogenology.</i> 2007 Mar 1;67(4):801-15. Epub 2006 Dec 29. PubMed PMID: 17196643	Boar

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2006	Hansen C, Vermeiden T, Vermeiden JP, Simmet C, Day BC, Feitsma H. Comparison of FACSCount AF system, Improved Neubauer hemocytometer, Corning 254 photometer, SpermVision, UltiMate and NucleoCounter SP-100 for determination of sperm concentration of boar semen. <i>Theriogenology</i> . 2006 Dec;66(9):2188-94. Epub 2006 Aug 21. PubMed PMID: 16920186	Boar
2005	Douglas-Hamilton DH, Smith NG, Kuster CE, Vermeiden JP, Althouse GC. Capillary-loaded particle fluid dynamics: effect on estimation of sperm concentration. <i>J Androl</i> . 2005 Jan-Feb;26(1):115-22. PubMed PMID: 15611575	Boar
2005	Douglas-Hamilton DH, Smith NG, Kuster CE, Vermeiden JP, Althouse GC. Particle distribution in low-volume capillary-loaded chambers. <i>J Androl</i> . 2005 Jan-Feb;26(1):107-14. PubMed PMID: 15611574	Boar
2003	Suzuki K, Nagai T. In vitro fertility and motility characteristics of frozen-thawed boar epididymal spermatozoa separated by Percoll. <i>Theriogenology</i> . 2003 Nov;60(8):1481-94. PubMed PMID: 14519469	Boar
2011	Awad MM, Effect of some permeating cryoprotectants on CASA motility results in cryopreserved bull spermatozoa, <i>Ani Repro Sci</i> , In Press, Uncorrected Proof, Available online 14 January 2011, ISSN 0378-4320, DOI: 10.1016/j.anireprosci.2011.01.003.	Bovine
2011	Lorenzetti S, Altieri I, Arabi S, Balduzzi D, Bechi N, Cordelli E, Galli C, Ietta F, Modina SC, Narciso L, Pacchierotti F, Villani P, Galli A, Lazzari G, Luciano AM, Paulesu L, Spanò M, Mantovani A. Innovative non-animal testing strategies for reproductive toxicology: the contribution of Italian partners within the EU project ReProTect. <i>Ann Ist Super Sanita</i> . 2011;47(4):429-444. PubMed PMID: 22194079.	Bovine
2011	Malik A, Haron AW, Yusoff R, Bukar M, Kasim A, Sabri M. African Verification of X- and Y-spermatozoa separation by nested polymerase chain reaction (PCR), motility and membrane integrity in bovine. <i>Journal of Biotechnology</i> . 28 December 2011, Vol. 10 (85), pp. 19796-19801.	Bovine
2011	Tuncer PB, Sarıözkan S, Bucak MN, Ulutaş PA, Akalın PP, Büyükleblebici S, Canturk F. Effect of glutamine and sugars after bull spermatozoa cryopreservation. <i>Theriogenology</i> . 2011 May;75(8):1459-65. Epub 2011 Feb 26. PubMed PMID: 21354604.	Bovine

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2010	Bucak MN, Tuncer PB, Sariözkan S, Başpınar N, Taşpınar M, Cayan K, Bilgili A, Akalın PP, Büyükleblebici S, Aydos S, Ilgaz S, Sunguroğlu A, Oztuna D. Effects of antioxidants on post-thawed bovine sperm and oxidative stress parameters: Antioxidants protect DNA integrity against cryodamage. <i>Cryobiology</i> . 2010 Sep 15. [Epub ahead of print] PubMed PMID: 20833164	Bovine
2010	Carvalho JO, Sartori R, Machado GM, Mourão GB, Dode MA. Quality assessment of bovine cryopreserved sperm after sexing by flow cytometry and their use in in vitro embryo production. <i>Theriogenology</i> . 2010 Aug 20. [Epub ahead of print] PubMed PMID: 20728930	Bovine
2010	Contri A, Valorz C, Faustini M, Wegher L, Carluccio A. Effect of semen preparation on casa motility results in cryopreserved bull spermatozoa. <i>Theriogenology</i> . 2010 Aug;74(3):424-35. Epub 2010 May 8. PubMed PMID: 20451996	Bovine
2010	Lenz RW, Kjelland ME, Vonderhaar K, Swannack TM, Moreno JF. A comparison of bovine seminal quality assessments using different viewing chambers with a computer-assisted semen analyzer. <i>J Anim Sci</i> . 2010 Oct 15. [Epub ahead of print] PubMed PMID: 20952528.	Bovine
2010	Ribeiro CM, Falleiros MB, Bicudo SD, Júnior JP, Golim MA, Filho FC, Padovani CR, Modolo JR. <i>Tritrichomonas fetus</i> extracellular products decrease progressive motility of bull sperm. <i>Theriogenology</i> . 2010 Jan;73(1):64-70. Epub 2009 Sep 26. PubMed PMID: 19783033	Bovine
2010	Tuncer PB, Bucak MN, Büyükleblebici S, Sariözkan S, Yeni D, Eken A, Akalın PP, Kinet H, Avdatek F, Fidan AF, Gündoğan M. The effect of cysteine and glutathione on sperm and oxidative stress parameters of post-thawed bull semen. <i>Cryobiology</i> . 2010 Oct 14. [Epub ahead of print] PubMed PMID: 20951122	Bovine
2009	Sariözkan S, Bucak MN, Tuncer PB, Ulutaş PA, Bilgen A. The influence of cysteine and taurine on microscopic-oxidative stress parameters and fertilizing ability of bull semen following cryopreservation. <i>Cryobiology</i> . 2009 Apr;58(2):134-8. Epub 2008 Dec 3. PubMed PMID: 19070613	Bovine
2009	Underwood SL, Bathgate R, Maxwell WM, Evans G. In vitro characteristics of frozen-thawed, sex-sorted bull sperm after refreezing or incubation at 15 or 37 degrees C. <i>Theriogenology</i> . 2009 Oct 15;72(7):1001-8. Epub 2009 Aug 28. PubMed PMID: 19716595	Bovine

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2009	Vera-Munoz O, Amirat-Briand L, Diaz T, Vásquez L, Schmidt E, Desherces S, Anton M, Bencharif D, Tainturier D. Effect of semen dilution to low-sperm number per dose on motility and functionality of cryopreserved bovine spermatozoa using low-density lipoproteins (LDL) extender: comparison to Triladyl and Bioxcell. <i>Theriogenology</i> . 2009 Apr 1;71(6):895-900. Epub 2008 Dec 30. PubMed PMID: 19117604	Bovine
2008	Webb JK, Lee AE, Diamond-Cox H, Ballam JM, Plunkett ED, Weisenfeld RB. Coulter counter-based evaluation of sperm volume to assess sperm viability of bull semen and application to X/Y sperm sorting. <i>Theriogenology</i> . 2008 May;69(8):990-1000. Epub 2008 Mar 21. PubMed PMID: 18359067	Bovine
2007	Krick B, Clark M, Kaproth M. Setting up and validating a CASA system for use with milk-extended semen. Genex Cooperative, Inc. 2007.	Bovine
2007	Nogueira MF, Fragnito PS, Trinca LA, Barros CM. The effect of type of vaginal insert and dose of pLH on embryo production, following fixed-time AI in a progestin-based superstimulatory protocol in Nelore cattle. <i>Theriogenology</i> . 2007 Feb;67(3):655-60. Epub 2006 Nov 15. PubMed PMID: 17109947	Bovine
2006	Chaveiro A, Machado L, Frijters A, Engel B, Woelders H. Improvement of parameters of freezing medium and freezing protocol for bull sperm using two osmotic supports. <i>Theriogenology</i> . 2006 Jun;65(9):1875-90. Epub 2005 Nov 28. PubMed PMID: 16310842	Bovine
2006	Fatehi AN, Bevers MM, Schoevers E, Roelen BA, Colenbrander B, Gadella BM. DNA damage in bovine sperm does not block fertilization and early embryonic development but induces apoptosis after the first cleavages. <i>J Androl</i> . 2006 Mar-Apr;27(2):176-88. Epub 2005 Nov 22. PubMed PMID: 16304212	Bovine
2006	Kasimanickam R, Nebel RL, Peeler ID, Silvia WL, Wolf KT, McAllister AJ, Cassell BG. Breed differences in competitive indices of Holstein and Jersey bulls and their association with sperm DNA fragmentation index and plasma membrane integrity. <i>Theriogenology</i> . 2006 Sep 15;66(5):1307-15. Epub 2006 Jun 21. PubMed PMID: 16797065	Bovine
2005	Suh TK, Schenk JL, Seidel GE Jr. High pressure flow cytometric sorting damages sperm. <i>Theriogenology</i> . 2005 Sep 15;64(5):1035-48. Epub 2005 Mar 2. PubMed PMID: 16125550	Bovine

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2001	Boersma A, Rasshofer R, Stolla R. Influence of sample preparation, staining procedure and analysis conditions on bull sperm head morphometry using the morphology analyser integrated visual optical system. <i>Reprod Domest Anim.</i> 2001 Oct;36(5):222-9. PubMed PMID: 11885737	Bovine
1998	Farrell PB, Presicce GA, Brockett CC, Foote RH. Quantification of bull sperm characteristics measured by computer-assisted sperm analysis (CASA) and the relationship to fertility. <i>Theriogenology.</i> 1998 Mar;49(4):871-9. PubMed PMID: 10732095	Bovine
1998	Tardif AL, Farrell PB, Trouern-Trend V, Simkin ME, Foote RH. Use of Hoechst 33342 stain to evaluate live fresh and frozen bull sperm by computer-assisted analysis. <i>J Androl.</i> 1998 Mar-Apr;19(2):201-6. PubMed PMID: 9570744	Bovine
1997	Suzuki H, Foote RH, Farrell PB. Computerized imaging and scanning electron microscope (SEM) analysis of co-cultured fresh and frozen bovine sperm. <i>J Androl.</i> 1997 Mar-Apr;18(2):217-26. PubMed PMID: 9154517	Bovine
2010	Furstoss V, Borderes F, Forgerit Y, Guillouet P, Leboeuf B. The value of the percentage of motile sperm in predicting a significant portion of the fertility variation of frozen-thawed buck semen. <i>Theriogenology.</i> 2010 Oct 15;74(7):1197-206. Epub 2010 Jul 7. PubMed PMID: 20615534	Buck
2009	Nizański W, Klimowicz M, Partyka A, Savić M, Dubiel A. Effects of the inclusion of Equex STM into Tris-based extender on the motility of dog spermatozoa incubated at 5 degrees C. <i>Reprod Domest Anim.</i> 2009 Jul;44 Suppl 2:363-5. PubMed PMID: 19754605.	Canine
2010	Milani C, Fontbonne A, Sellem E, Stelletta C, Gérard O, Romagnoli S. Effect of post-thaw dilution with caffeine, pentoxifylline, 2'-deoxyadenosine and prostatic fluid on motility of frozen-thawed dog semen. <i>Theriogenology.</i> 2010 Jul 1;74(1):153-64. Epub 2010 Mar 23. PubMed PMID: 20334905	Canine
2006	Nizański W. Intravaginal insemination of bitches with fresh and frozen-thawed semen with addition of prostatic fluid: use of an infusion pipette and the Osiris catheter. <i>Theriogenology.</i> 2006 Jul 15;66(2):470-83. Epub 2006 Jan 24. PubMed PMID: 16439010	Canine
2006	Silva AR, Cardoso Rde C, Silva LD, Chirinéa VH, Lopes MD, Souza FF. Prognostic value of canine frozen-thawed semen parameters on in vitro sperm-oocyte interactions. <i>Theriogenology.</i> 2006 Jul 15;66(2):456-62. Epub 2006 Jan 19. PubMed PMID: 16427120	Canine

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2005	Verstegen JP, Onclin K, Iguer-Ouada M. Long-term motility and fertility conservation of chilled canine semen using egg yolk added Tris-glucose extender: in vitro and in vivo studies. <i>Theriogenology</i> . 2005 Aug;64(3):720-33. PubMed PMID: 15970316	Canine
2001	Iguer-Ouada M, Verstegen JP. Validation of the sperm quality analyzer (SQA) for dog sperm analysis. <i>Theriogenology</i> . 2001 Mar 15;55(5):1143-58. PubMed PMID: 11322241	Canine
2008	Siemieniuch MJ, Woclawek-Potocka I. Assessment of selected quality parameters of epididymal cat (<i>Felis catus</i> s. <i>domestica</i> , L. 1758) sperm using flow cytometry method and computer assisted sperm analyser. <i>Reprod Domest Anim</i> . 2008 Oct;43(5):633-7. Epub 2008 Mar 23. PubMed PMID: 18363605	Cat
2011	Lemoine M, Mignon-Grasteau S, Grasseau I, Magistrini M, Blesbois E. Ability of chicken spermatozoa to undergo acrosome reaction after liquid storage or cryopreservation. <i>Theriogenology</i> . 2011 Jan 1;75(1):122-30. Epub 2010 Oct 20. PubMed PMID: 20965552	Chicken
2010	Long JA, Bongalhardo DC, Pelaéz J, Saxena S, Settar P, O'Sullivan NP, Fulton JE. Rooster semen cryopreservation: effect of pedigree line and male age on postthaw sperm function. <i>Poult Sci</i> . 2010 May;89(5):966-73. PubMed PMID: 20371849.	Chicken
2009	Lemoine M, Dupont J, Guillory V, Tesseraud S, Blesbois E. Potential involvement of several signaling pathways in initiation of the chicken acrosome reaction. <i>Biol Reprod</i> . 2009 Oct;81(4):657-65. Epub 2009 Jun 10. PubMed PMID: 19516023.	Chicken
2009	Purdy PH, Song Y, Silversides FG, Blackburn HD. Evaluation of glycerol removal techniques, cryoprotectants, and insemination methods for cryopreserving rooster sperm with implications of regeneration of breed or line or both. <i>Poult Sci</i> . 2009 Oct;88(10):2184-91. PubMed PMID: 19762874	Chicken
2008	Blesbois E, Grasseau I, Seigneurin F, Mignon-Grasteau S, Saint Jalme M, Mialon-Richard MM. Predictors of success of semen cryopreservation in chickens. <i>Theriogenology</i> . 2008 Jan 15;69(2):252-61. Epub 2007 Oct 30. PubMed PMID: 17977587	Chicken
2008	Lemoine M, Grasseau I, Brillard JP, Blesbois E. A reappraisal of the factors involved in in vitro initiation of the acrosome reaction in chicken spermatozoa. <i>Reproduction</i> . 2008 Oct;136(4):391-9. Epub 2008 Jul 9. PubMed PMID: 18614626	Chicken

Date	Citation	Species
2011	Tannenbaum LV Borry BE. Pilot study for a sperm quality-based reproductive assessment scheme for deer. <i>Ecological Indicators</i> , In Press, Corrected Proof, Available online 20 June 2011, ISSN 1470-160X, DOI:10.1016/j.ecolind.2011.05.021.	Deer
2008	Thongtip, Nikorn, Saikhun Jumnian, Mahasawangkul Sittidet, Kornkaewrat, Kornchai, Suthanmapinanh Piyawan, Pinyopummin Anuchai. Effect of Pentoxifylline on the Motility Characteristics and Viability of Spermatozoa in Asian Elephants (<i>Elephas maximus</i>) with Low Semen Quality. <i>THAI JOURNAL OF VETERINARY MEDICINE</i> :Volume: 38 Issue: 3 Pages: 37-45 Published: SEP 2008	Elephant
2004	Thongtip N, Saikhun J, Damyang M, Mahasawangkul S, Suthunmapinata P, Yindee M, Kongsila A, Angkawanish T, Jansittiwate S, Wongkalasin W, Wajjwalkul W, Kitiyanant Y, Pavasuthipaisit K, Pinyopummin A. Evaluation of post-thaw Asian elephant (<i>Elephas maximus</i>) spermatozoa using flow cytometry: the effects of extender and cryoprotectant. <i>Theriogenology</i> . 2004 Aug;62(3-4):748-60. PubMed PMID: 15226027	Elephant
2009	Behr B, Rath D, Hildebrandt TB, Goeritz F, Blottner S, Portas TJ, Bryant BR, Sieg B, Knieriem A, de Graaf SP, Maxwell WM, Hermes R. Germany/Australia index of sperm sex sortability in elephants and rhinoceros. <i>Reprod Domest Anim</i> . 2009 Apr;44(2):273-7. Epub 2008 Nov 22. PubMed PMID: 19055564.	Elephants Rhinoceros
2011	Blanchard TL, Brinsko SP, Love CC, Vest DD, Berezowski CB, Wendt KM, Stich D, Varner DD. Case Study of Processing and Insemination Techniques: Attempts to Improve Fertility of an Aged Stallion with Dilute Semen of Poor Quality, <i>Journal of Equine Veterinary Science</i> , In Press, Corrected Proof, Available online 27 July 2011, ISSN 0737-0806, DOI: 10.1016/j.jevs.2011.06.010	Equine
2011	Bliss SB, Voge JL, Hayden SS, Teague SR, Brinsko SP, Love CC, Blanchard TL, Varner DD. The impact of cushioned centrifugation protocols on semen quality of stallions. <i>Theriogenology</i> . 2011 Dec 20. [Epub ahead of print] PubMed PMID: 22192395	Equine
2011	Contri A, De Amicis I, Molinari A, Faustini M, Gramenzi A, Robbe D, Carluccio A. Effect of dietary antioxidant supplementation on fresh semen quality in stallion. <i>Theriogenology</i> . 2011 Apr 15;75(7):1319-26. Epub 2011 Feb 4. PubMed PMID: 21295825.	Equine

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2011	Edmond AJ, Brinsko SP, Love CC, Blanchard TL, Teague SR, Varner DD. Effect of centrifugal fractionation protocols on quality and recovery rate of equine sperm. <i>Theriogenology</i> . 2011 Nov 22. [Epub ahead of print] PubMed PMID: 22115813.	Equine
2011	Foster ML, Varner DD, Hinrichs K, Teague S, Lacaze K, Blanchard TL, Love CC. Agreement between measures of total motility and membrane integrity in stallion sperm. <i>Theriogenology</i> . 2011 May;75(8):1499-505. Epub 2011 Feb 4. PubMed PMID: 21295826.	Equine
2011	Gibb Z, Morris LH, Maxwell WM, Grupen CG. Use of a defined diluent increases the sex-sorting efficiency of stallion sperm. <i>Theriogenology</i> . 2011 Mar 1;75(4):610-9. Epub 2010 Dec 7. PubMed PMID: 21144575.	Equine
2011	Mari G, Castagnetti C, Rizzato G, Mislei B, Iacono E, Merlo B. Density gradient centrifugation of sperm from a subfertile stallion and effect of seminal plasma addition on fertility, <i>Animal Reproduction Science</i> , In Press, Uncorrected Proof, Available online 4 May 2011, ISSN 0378-4320, DOI: 10.1016/j.anireprosci.2011.04.020.	Equine
2011	Monteiro GA, Papa FO, Zahn FS, Dellaqua JA Jr, Melo CM, Maziero RR, Avanzi BR, Alvarenga MA, Guasti PN. Cryopreservation and fertility of ejaculated and epididymal stallion sperm. <i>Anim Reprod Sci</i> . 2011 Sep;127(3-4):197-201. Epub 2011 Aug 16. PubMed PMID: 21890290.	Equine
2011	Pillet E, Duchamp G, Batellier F, Beaumal V, Anton M, Desherces S, Schmitt E, Magistrini M. Egg yolk plasma can replace egg yolk in stallion freezing extenders. <i>Theriogenology</i> . 2010 Sep 10. [Epub ahead of print] PubMed PMID: 20833417	Equine
2011	Salazar JL Jr, Teague SR, Love CC, Brinsko SP, Blanchard TL, Varner DD. Effect of cryopreservation protocol on postthaw characteristics of stallion sperm. <i>Theriogenology</i> . 2011 Aug;76(3):409-18. Epub 2011 Apr 14. PubMed PMID: 21496899	Equine
2010	Albrizio M, Lacalandra GM, Micera E, Guaricci AC, Nicassio M, Zarrilli A. Delta opioid receptor on equine sperm cells: subcellular localization and involvement in sperm motility analyzed by computer assisted sperm analyzer (CASA). <i>Reprod Biol Endocrinol</i> . 2010 Jun 25;8:78. PubMed PMID: 20579355; PubMed Central PMCID: PMC2901311	Equine
2010	Das PJ, Paria N, Gustafson-Seabury A, Vishnoi M, Chaki SP, Love CC, Varner DD, Chowdhary BP, Raudsepp T. Total RNA isolation from stallion sperm and testis biopsies. <i>Theriogenology</i> . 2010 Oct 1;74(6):1099-1106, 1106e1-2. Epub 2010 Jul 7. PubMed PMID: 20615536	Equine

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2010	Veronesi MC, Tosi U, Villani M, Govoni N, Faustini M, Kindahl H, Madej A, Carluccio A. Oxytocin, vasopressin, prostaglandin F(2alpha), luteinizing hormone, testosterone, estrone sulfate, and cortisol plasma concentrations after sexual stimulation in stallions. <i>Theriogenology</i> . 2010 Mar 1;73(4):460-7. Epub 2009 Dec 21. PubMed PMID: 20022362	Equine
2009	McPartlin LA, Suarez SS, Czaya CA, Hinrichs K, Bedford-Guaus SJ. Hyperactivation of stallion sperm is required for successful in vitro fertilization of equine oocytes. <i>Biol Reprod</i> . 2009 Jul;81(1):199-206. Epub 2009 Feb 4. PubMed PMID: 19208544	Equine
2008	McPartlin LA, Littell J, Mark E, Nelson JL, Travis AJ, Bedford-Guaus SJ. A defined medium supports changes consistent with capacitation in stallion sperm, as evidenced by increases in protein tyrosine phosphorylation and high rates of acrosomal exocytosis. <i>Theriogenology</i> . 2008 Mar 15;69(5):639-50. Epub 2008 Feb 1. PubMed PMID: 18242679	Equine
2008	Phetudomsinsuk K, Sirinarumitr K, Laikul A, Pinyopummin A. Morphology and head morphometric characters of sperm in Thai native crossbred stallions. <i>Acta Vet Scand</i> . 2008 Oct 22;50:41. PubMed PMID: 18940014; PubMed Central PMCID: PMC2586630	Equine
2008	Waite JA, Love CC, Brinsko SP, Teague SR, Salazar JL Jr, Mancill SS, Varner DD. Factors impacting equine sperm recovery rate and quality following cushioned centrifugation. <i>Theriogenology</i> . 2008 Sep 1;70(4):704-14. Epub 2008 Jun 24. PubMed PMID: 18573520	Equine
2007	Dietz JP, Sertich PL, Boston RC, Benson CE. Comparison of ticarcillin and piperacillin in Kenney's semen extender. <i>Theriogenology</i> . 2007 Oct 1;68(6):848-52. Epub 2007 Aug 15. PubMed PMID: 17706757; PubMed Central PMCID: PMC2128061	Equine
2007	Panzani D, Rota A, Pacini M, Vannozzi I, Camillo F. One year old fillies can be successfully used as embryo donors. <i>Theriogenology</i> . 2007 Jan 15;67(2):367-71. Epub 2006 Sep 28. PubMed PMID: 17010419	Equine
2006	Wessel MT, Althouse GC. Validation of an objective approach for simultaneous assessment of viability and motility of fresh and cooled equine spermatozoa. <i>Anim Repro Sci</i> . 2006 94: 21-22.	Equine
2005	Brinsko SP, Varner DD, Love CC, Blanchard TL, Day BC, Wilson ME. Effect of feeding a DHA-enriched nutraceutical on the quality of fresh, cooled and frozen stallion semen. <i>Theriogenology</i> . 2005 Mar 15;63(5):1519-27. PubMed PMID: 15725455	Equine

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2005	Kirk ES, Squires EL, Graham JK. Comparison of in vitro laboratory analyses with the fertility of cryopreserved stallion spermatozoa. <i>Theriogenology</i> . 2005 Oct 1;64(6):1422-39. Epub 2005 Apr 7. PubMed PMID: 16139616	Equine
2005	Love CC, Brinsko SP, Rigby SL, Thompson JA, Blanchard TL, Varner DD. Relationship of seminal plasma level and extender type to sperm motility and DNA integrity. <i>Theriogenology</i> . 2005 Apr 1;63(6):1584-91. PubMed PMID: 15763103	Equine
2005	Moore AI, Squires EL, Graham JK. Effect of seminal plasma on the cryopreservation of equine spermatozoa. <i>Theriogenology</i> . 2005 Jun;63(9):2372-81. PubMed PMID: 15910920	Equine
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2001	D'Cruz OJ, Vassilev AO, Uckun FM. Members of the Janus kinase/signal transducers and activators of transcription (JAK/STAT) pathway are present and active in human sperm. <i>Fertil Steril.</i> 2001 Aug;76(2):258-66. PubMed PMID: 11476770	Human
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2000	Donnelly ET, O'Connell M, McClure N, Lewis SE. Differences in nuclear DNA fragmentation and mitochondrial integrity of semen and prepared human spermatozoa. <i>Hum Reprod.</i> 2000 Jul;15(7):1552-61. PubMed PMID: 10875865	Human
2000	Irvine DS, Twigg JP, Gordon EL, Fulton N, Milne PA, Aitken RJ. DNA integrity in human spermatozoa: relationships with semen quality. <i>J Androl.</i> 2000 Jan-Feb;21(1):33-44. PubMed PMID: 10670517	Human
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2000	Selevan SG, Borkovec L, Slott VL, Zudová Z, Rubes J, Evenson DP, Perreault SD. Semen quality and reproductive health of young Czech men exposed to seasonal air pollution. <i>Environ Health Perspect.</i> 2000 Sep;108(9):887-94. PubMed PMID: 11017895; PubMed Central PMCID: PMC2556931	Human
2000	Yogev L, Gamzu R, Botchan A, Hauser R, Paz G, Yavetz H. Zona pellucida binding improvement effect of different sperm preparation techniques is not related to changes in sperm motility characterizations. <i>Fertil Steril.</i> 2000 Jun;73(6):1120-5. PubMed PMID: 10856468	Human
1999	Carrell DT, Emery BR, Liu L. Characterization of aneuploidy rates, protamine levels, ultrastructure, and functional ability of round-headed sperm from two siblings and implications for intracytoplasmic sperm injection. <i>Fertil Steril.</i> 1999 Mar;71(3):511-6. PubMed PMID: 10065790	Human
1999	Centola GM, Eberly S. Seasonal variations and age-related changes in human sperm count, motility, motion parameters, morphology, and white blood cell concentration. <i>Fertil Steril.</i> 1999 Nov;72(5):803-8. PubMed PMID: 10560981	Human

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1999	Coetzee K, de Villiers A, Kruger TF, Lombard CJ. Clinical value of using an automated sperm morphology analyzer (IVOS). Fertil Steril. 1999 Feb;71(2):222-5. PubMed PMID: 9988388	Human
1999	Coetzee K, Kruger TF, Lombard CJ, Shaughnessy D, Oehninger S, Ozgür K, Pomeroy KO, Muller CH. Assessment of interlaboratory and intralaboratory sperm morphology readings with the use of a Hamilton Thorne Research integrated visual optical system semen analyzer. Fertil Steril. 1999 Jan;71(1):80-4. Erratum in: Fertil Steril 1999 Oct;72(4):755. Muller C [corrected to Muller CH]. PubMed PMID: 9935120	Human
1999	Coetzee K, Kruger TF, Lombard CJ. Repeatability and variance analysis on multiple computer-assisted (IVOS) sperm morphology readings. Andrologia. 1999 May;31(3):163-8. PubMed PMID: 10363121	Human
1999	Ismail MT, Sedor J, Hirsch IH. Are sperm motion parameters influenced by varicocele ligation? Fertil Steril. 1999 May;71(5):886-90. PubMed PMID: 10231051	Human
1999	Nassar A, Mahony M, Morshedi M, Lin MH, Srisombut C, Oehninger S. Modulation of sperm tail protein tyrosine phosphorylation by pentoxifylline and its correlation with hyperactivated motility. Fertil Steril. 1999 May;71(5):919-23. PubMed PMID: 10231057	Human
1999	Nassar A, Morshedi M, Mahony M, Srisombut C, Lin MH, Oehninger S. Pentoxifylline stimulates various sperm motion parameters and cervical mucus penetrability in patients with asthenozoospermia. Andrologia. 1999 Jan;31(1):9-15. PubMed PMID: 9949883	Human
1999	Pasqualotto EB, Falcone T, Goldberg JM, Petrauskis C, Nelson DR, Agarwal A. Risk factors for multiple gestation in women undergoing intrauterine insemination with ovarian stimulation. Fertil Steril. 1999 Oct;72(4):613-8. PubMed PMID: 10521097	Human
1999	Pfeffer J, Pang MG, Hoegerman SF, Osgood CJ, Stacey MW, Mayer J, Oehninger S, Kearns WG. Aneuploidy frequencies in semen fractions from ten oligoasthenoteratozoospermic patients donating sperm for intracytoplasmic sperm injection. Fertil Steril. 1999 Sep;72(3):472-8. PubMed PMID: 10519619	Human
1998	Donnelly ET, Lewis SE, McNally JA, Thompson W. In vitro fertilization and pregnancy rates: the influence of sperm motility and morphology on IVF outcome. Fertil Steril. 1998 Aug;70(2):305-14. PubMed PMID: 9696226	Human

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1998	Mortimer ST, Swan MA, Mortimer D. Effect of seminal plasma on capacitation and hyperactivation in human spermatozoa. <i>Hum Reprod.</i> 1998 Aug;13(8):2139-46. PubMed PMID: 9756285	Human
1998	Nassar A, Mahony M, Blackmore P, Morshedi M, Ozgur K, Oehninger S. Increase of intracellular calcium is not a cause of pentoxifylline-induced hyperactivated motility or acrosome reaction in human sperm. <i>Fertil Steril.</i> 1998 Apr;69(4):748-54. PubMed PMID: 9548168	Human
1998	Rubes J, Lowe X, Moore D 2nd, Perreault S, Slott V, Evenson D, Selevan SG, Wyrobek AJ. Smoking cigarettes is associated with increased sperm disomy in teenage men. <i>Fertil Steril.</i> 1998 Oct;70(4):715-23. PubMed PMID: 9797104	Human
1998	Sukcharoen N, Sithipravej T, Promviengchai S, Chinpilas V, Boonkasemsanti W. Sperm morphology evaluated by computer (IVOS) cannot predict the fertilization rate in vitro after intracytoplasmic sperm injection. <i>Fertil Steril.</i> 1998 Mar;69(3):564-8. PubMed PMID: 9531900	Human
1997	Coetzee K, Kruger TF, Vandendael A, de Villiers A, Lombard CJ. Comparison of two staining and evaluation methods used for computerized human sperm morphology evaluations. <i>Andrologia.</i> 1997 May-Jun;29(3):133-5. PubMed PMID: 9197916	Human
1997	Mortimer ST. A critical review of the physiological importance and analysis of sperm movement in mammals. <i>Hum Reprod Update.</i> 1997 Sep-Oct;3(5):403-39. Review. PubMed PMID: 9528908	Human
1996	Farrell PB, Foote RH, Zinaman MJ. Motility and other characteristics of human sperm can be measured by computer-assisted sperm analysis of samples stained with Hoechst 33342. <i>Fertil Steril.</i> 1996 Sep;66(3):446-53. PubMed PMID: 8751746	Human
1996	Kruger TF, Lacquet FA, Sarmiento CA, Menkveld R, Ozgür K, Lombard CJ, Franken DR. A prospective study on the predictive value of normal sperm morphology as evaluated by computer (IVOS). <i>Fertil Steril.</i> 1996 Aug;66(2):285-91. PubMed PMID: 8690118	Human
1996	Lacquet FA, Kruger TF, Du Toit TC, Lombard CJ, Sanchez Sarmiento CA, De Villiers A, Coetzee K. Slide preparation and staining procedures for reliable results using computerized morphology. <i>Arch Androl.</i> 1996 Mar-Apr;36(2):133-8. PubMed PMID: 8907674	Human

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1996	Lai YM, Chang FH, Lee CL, Lee JD, Huang HY, Wang ML, Chan PJ, Chang MY, Soong YK. Coculture of human spermatozoa with reproductive tract cell monolayers can enhance sperm functions better than coculture with Vero cell monolayers. <i>J Assist Reprod Genet.</i> 1996 May;13(5):417-22. PubMed PMID: 8739059	Human
1996	Morris AR, Coutts JR, Robertson L. A detailed study of the effect of videoframe rates of 25, 30 and 60 Hertz on human sperm movement characteristics. <i>Hum Reprod.</i> 1996 Feb;11(2):304-10. PubMed PMID: 8671215	Human
1996	Zinaman MJ, Uhler ML, Vertuno E, Fisher SG, Clegg ED. Evaluation of computer-assisted semen analysis (CASA) with IDENT stain to determine sperm concentration. <i>J Androl.</i> 1996 May-Jun;17(3):288-92. PubMed PMID: 8792219	Human
1995	Kruger TF, du Toit TC, Franken DR, Menkveld R, Lombard CJ. Sperm morphology: assessing the agreement between the manual method (strict criteria) and the sperm morphology analyzer IVOS. <i>Fertil Steril.</i> 1995 Jan;63(1):134-41. PubMed PMID: 7805902	Human
1993	Yeung CH, Nieschlag E. Performance and comparison of CASA systems equipped with different phase-contrast optics. <i>J Androl.</i> 1993 May-Jun;14(3):222-8. PubMed PMID: 8407578	Human
2006	Lampiao F, du Plessis SS. Comparing the Multi-ZSC one-step standardized swim-up method to the double-wash swim-up method with regard to the effects of sperm separation on morphology, head morphometry, and acrosome reaction inducibility. <i>Fertil Steril.</i> 2006 Sep;86(3):739-41. Epub 2006 Jun 16. PubMed PMID: 16782092	Human, Bovine
1995	Farrell P, Trouern-Trend V, Foote RH, Douglas-Hamilton D. Repeatability of measurements on human, rabbit, and bull sperm by computer-assisted sperm analysis when comparing individual fields and means of 12 fields. <i>Fertil Steril.</i> 1995 Jul;64(1):208-10. PubMed PMID: 7789564	Human, Rabbit, Bovine
2011	Veronesi MC, De Amicis I, Panzani S, Kindahl H, Govoni N, Probo M, Carluccio A. PGF(2 α), LH, testosterone, oestrone sulphate, and cortisol plasma concentrations around sexual stimulation in jackass. <i>Theriogenology.</i> 2011 May;75(8):1489-98. Epub 2011 Feb 4. PubMed PMID: 21295832	Jackass

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2011	Robeck TR, Gearhart SA, Steinman KJ, Katsumata E, Loureiro JD, O'Brien JK. In vitro sperm characterization and development of a sperm cryopreservation method using directional solidification in the killer whale (<i>Orcinus orca</i>). <i>Theriogenology</i> . 2011 Jul 15;76(2):267-79. Epub 2011 Apr 14. PubMed PMID: 21496896	Killer Whale
2001	Jayaprakash D, Patil SB, Kumar MN, Majumdar KC, Shivaji S. Semen characteristics of the captive Indian leopard, <i>Panthera pardus</i> . <i>J Androl</i> . 2001 Jan-Feb;22(1):25-33. PubMed PMID: 11191084	Leopard
1998	Patil SB, Jayaprakash D, Shivaji S. Cryopreservation of semen of tigers and lions: Computerized analysis of the motility parameters of the spermatozoa. <i>Current Science Online</i> . 1998 Nov 10; 75(9):930-935.	Lions, Tigers
2010	McFarland CA, Quinn MJ Jr, Boyce J, Lafiandra EM, Bazar MA, Talent LG, Johnson MS. Toxic effects of oral 2-amino-4,6-dinitrotoluene in the Western fence lizard (<i>Sceloporus occidentalis</i>). <i>Environ Pollut</i> . 2010 Nov 8. [Epub ahead of print] PubMed PMID: 21067851	Lizard
2000	Gwathmey T, Blackmore PF, Mahony MC. Progesterone-induced calcium influx in cynomolgus monkey (<i>Macaca fascicularis</i>) spermatozoa. <i>J Androl</i> . 2000 Jul-Aug;21(4):534-40. PubMed PMID: 10901439	Monkey
1999	Mahony MC, Gwathmey T. Protein tyrosine phosphorylation during hyperactivated motility of cynomolgus monkey (<i>Macaca fascicularis</i>) spermatozoa. <i>Biol Reprod</i> . 1999 May;60(5):1239-43. PubMed PMID: 10208990	Monkey
2011	Abe K, Fuchs H, Boersma A, Hans W, Yu P, Kalaydjiev S, Klaften M, Adler T, Calzada-Wack J, Mossbrugger I, Rathkolb B, Rozman J, Prehn C, Maraslioglu M, Kametani Y, Shimada S, Adamski J, Busch DH, Esposito I, Klingenspor M, Wolf E, Wurst W, Gailus-Durner V, Katan M, Marschall S, Soewarto D, Wagner S, de Angelis MH. A novel ENU-induced mutation in Phospholipase C gamma 2 causes inflammatory arthritis, metabolic defects, and in vitro male infertility in the mouse. <i>Arthritis Rheum</i> . 2011 Feb 4. doi: 10.1002/art.30280. [Epub ahead of print] PubMed PMID: 21305534.	Mouse
2011	Bedard N, Yang Y, Gregory M, Cyr DG, Suzuki J, Yu X, Chian RC, Hermo L, O'Flaherty C, Smith CE, Clarke HJ, Wing SS. Mice Lacking the USP2 Deubiquitinating Enzyme Have Severe Male Subfertility Associated with Defects in Fertilization and Sperm Motility. <i>Biol Reprod</i> . 2011 May 4. [Epub ahead of print] PubMed PMID: 21543767.	Mouse

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2011	Gregory M, Kahiri CN, Barr KJ, Smith CE, Hermo L, Cyr DG, Kidder GM. Male reproductive system defects and subfertility in a mutant mouse model of oculodentodigital dysplasia(1). <i>Int J Androl</i> . 2011 Oct 18. doi: 10.1111/j.1365-2605.2011.01224.x. [Epub ahead of print] PubMed PMID: 22004529.	Mouse
2011	Kujjo LL, Chang EA, Pereira RJG, Dhar S, Marrero-Rosado B, et al. 2011 Chemotherapy-Induced Late Transgenerational Effects in Mice. <i>PLoS ONE</i> 6(3): e17877. doi:10.1371/journal.pone.0017877	Mouse
2011	Morgan DJ, Muller CH, Murataeva NA, Davis BJ, Mackie K. Delta-9-Tetrahydrocannabinol ($\Delta(9)$ -THC) Attenuates Mouse Sperm Motility and Male Fecundity. <i>Br J Pharmacol</i> . 2011 May 26. doi: 10.1111/j.1476-5381.2011.01506.x. [Epub ahead of print] PubMed PMID: 21615727.	Mouse
2011	Park M, Han J, Ko JJ, Lee WS, Yoon TK, Lee K, Bae J. Maternal exposure to fenarimol promotes reproductive performance in mouse offspring. <i>Toxicol Lett</i> . 2011 Jun 22. [Epub ahead of print] PubMed PMID: 21722721.	Mouse
2011	Wang PW, Zhou GB, Zeng Y, Li JJ, Zhang QJ, Hou YP, Zhu SE. Impact on Hyperactivated Motility of Cryopreserved Mouse Sperm from Pretreatment with Thimerosal. <i>Asian Journal of Animal and Veterinary Advances</i> , 2011, 6: 1052-1060.	Mouse
2010	Carroll M, Luu T, Robaire B. Null Mutation of the Transcription Factor Inhibitor of DNA Binding 3 (Id3) Affects Spermatozoal Motility Parameters and Epididymal Gene Expression in Mice. <i>Biol Reprod</i> . 2010 Dec 8. [Epub ahead of print] PubMed PMID: 21148110.	Mouse
2010	Danshina PV, Geyer CB, Dai Q, Goulding EH, Willis WD, Kitto GB, McCarrey JR, Eddy EM, O'Brien DA. Phosphoglycerate kinase 2 (PGK2) is essential for sperm function and male fertility in mice. <i>Biol Reprod</i> . 2010 Jan;82(1):136-45. Epub 2009 Sep 16. PubMed PMID: 19759366; PubMed Central PMCID: PMC2802118	Mouse
2010	Hu W, Gauthier L, Baibakov B, Jimenez-Movilla M, Dean J. FIGLA, a basic helix-loop-helix transcription factor, balances sexually dimorphic gene expression in postnatal oocytes. <i>Mol Cell Biol</i> . 2010 Jul;30(14):3661-71. Epub 2010 May 17. PubMed PMID: 20479125; PubMed Central PMCID: PMC2897557	Mouse

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2010	Joseph A, Hess RA, Schaeffer DJ, Ko C, Hudgin-Spivey S, Chambon P, Shur BD. Absence of estrogen receptor alpha leads to physiological alterations in the mouse epididymis and consequent defects in sperm function. <i>Biol Reprod.</i> 2010 May;82(5):948-57. Epub 2010 Feb 3. PubMed PMID: 20130267; PubMed Central PMCID: PMC2857635.	Mouse
2010	Kawano N, Kang W, Yamashita M, Koga Y, Yamazaki T, Hata T, Miyado K, Baba T. Mice lacking two sperm serine proteases, ACR and PRSS21, are subfertile, but the mutant sperm are infertile in vitro. <i>Biol Reprod.</i> 2010 Sep;83(3):359-69. Epub 2010 May 19. PubMed PMID: 20484738.	Mouse
2010	Kobayashi K, Ohtani K, Kubota H, Miyagawa M. Dietary exposure to low doses of bisphenol A: effects on reproduction and development in two generations of C57BL/6J mice. <i>Congenit Anom (Kyoto).</i> 2010 Sep;50(3):159-70. Epub 2010 Apr 30. PubMed PMID: 20507349.	Mouse
2010	Lerer-Goldshtein T, Bel S, Shpungin S, Pery E, Motro B, Goldstein RS, Bar-Sheshet SI, Breitbart H, Nir U. TMF/ARA160: A key regulator of sperm development. <i>Dev Biol.</i> 2010 Dec 1;348(1):12-21. Epub 2010 Aug 5. PubMed PMID:20691678.	Mouse
2010	Lu SH, Yen YK, Ling TY, Cheng KT, Shu JA, Au HK, Huang YH. Capacitation suppression by mouse seminal vesicle autoantigen involves a decrease in plasma membrane Ca(2+)-ATPase (PMCA)-mediated intracellular calcium. <i>J Cell Biochem.</i> 2010 Aug 17. [Epub ahead of print] PubMed PMID: 20717922	Mouse
2010	Pulvers JN, Bryk J, Fish JL, Wilsch-Bräuninger M, Arai Y, Schreier D, Naumann R, Helppi J, Habermann B, Vogt J, Nitsch R, Tóth A, Enard W, Pääbo S, Huttner WB. Mutations in mouse <i>Aspm</i> (abnormal spindle-like microcephaly associated) cause not only microcephaly but also major defects in the germline. <i>Proc Natl Acad Sci USA.</i> 2010 Sep 7. [Epub ahead of print] PubMed PMID: 20823249	Mouse
2010	Salzberg Y, Eldar T, Karminsky OD, Itach SB, Pietrokovski S, Don J. Meig1 deficiency causes a severe defect in mouse spermatogenesis. <i>Dev Biol.</i> 2010 Feb 15;338(2):158-67. Epub 2009 Dec 30. PubMed PMID: 20004656	Mouse
2010	Santi CM, Martínez-López P, de la Vega-Beltrán JL, Butler A, Alisio A, Darszon A, Salkoff L. The SLO3 sperm-specific potassium channel plays a vital role in male fertility. <i>FEBS Lett.</i> 2010 Mar 5;584(5):1041-6. Epub 2010 Feb 9. PubMed PMID: 20138882; PubMed Central PMCID: PMC2875124.	Mouse

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2010	Wai T, Ao A, Zhang X, Cyr D, Dufort D, Shoubridge EA. The role of mitochondrial DNA copy number in mammalian fertility. <i>Biol Reprod.</i> 2010 Jul;83(1):52-62. Epub 2010 Feb 3. PubMed PMID: 20130269; PubMed Central PMCID: PMC2888963.	Mouse
2009	Cao W, Aghajanian HK, Haig-Ladewig LA, Gerton GL. Sorbitol can fuel mouse sperm motility and protein tyrosine phosphorylation via sorbitol dehydrogenase. <i>Biol Reprod.</i> 2009 Jan;80(1):124-33. Epub 2008 Sep 17. PubMed PMID: 18799757; PubMed Central PMCID: PMC2804811	Mouse
2009	Kuo CW, Chen CM, Lee YC, Chu ST, Khoo KH. Glycomics and proteomics analyses of mouse uterine luminal fluid revealed a predominance of Lewis Y and X epitopes on specific protein carriers. <i>Mol Cell Proteomics.</i> 2009 Feb;8(2):325-42. Epub 2008 Oct 21. PubMed PMID: 18941134.	Mouse
2009	Netzel-Arnett S, Bugge TH, Hess RA, Carnes K, Stringer BW, Scarman AL, Hooper JD, Tonks ID, Kay GF, Antalis TM. The lycosylphosphatidylinositol-anchored serine protease PRSS21 (testisin) imparts murine epididymal sperm cell maturation and fertilizing ability. <i>Biol Reprod.</i> 2009 Nov;81(5):921-32. Epub 2009 Jul 1. PubMed PMID: 19571264; PubMed Central PMCID: PMC2770021.	Mouse
2009	Pan J, Eckardt S, Leu NA, Buffone MG, Zhou J, Gerton GL, McLaughlin KJ, Wang PJ. Inactivation of Nxf2 causes defects in male meiosis and age-dependent depletion of spermatogonia. <i>Dev Biol.</i> 2009 Jun 1;330(1):167-74. Epub 2009 Apr 1. PubMed PMID: 19345203; PubMed Central PMCID: PMC2702087.	Mouse
2009	Schneider M, Förster H, Boersma A, Seiler A, Wehnes H, Sinowatz F, Neumüller C, Deutsch MJ, Walch A, Hrabé de Angelis M, Wurst W, Ursini F, Roveri A, Maleszewski M, Maiorino M, Conrad M. Mitochondrial glutathione peroxidase 4 disruption causes male infertility. <i>FASEB J.</i> 2009 Sep;23(9):3233-42. Epub 2009 May 5. PubMed PMID: 19417079	Mouse
2007	Garner CE, Sloan C, Sumner SC, Burgess J, Davis J, Etheridge A, Parham A, Ghanayem BI. CYP2E1-catalyzed oxidation contributes to the sperm toxicity of 1-bromopropane in mice. <i>Biol Reprod.</i> 2007 Mar;76(3):496-505. Epub 2006 Nov 8. PubMed PMID: 17093198	Mouse
2007	Marquez B, Igotz G, Suarez SS. Contributions of extracellular and intracellular Ca ²⁺ to regulation of sperm motility: Release of intracellular stores can hyperactivate CatSper1 and CatSper2 null sperm. <i>Dev Biol.</i> 2007 Mar 1;303(1):214-21. Epub 2006 Nov 10. PubMed PMID: 17174296; PubMed Central PMCID: PMC1885980	Mouse

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2007	Sohara E, Ueda O, Tachibe T, Hani T, Jishage K, Rai T, Sasaki S, Uchida S. Morphologic and functional analysis of sperm and testes in Aquaporin 7 knockout mice. <i>Fertil Steril.</i> 2007 Mar;87(3):671-6. Epub 2006 Nov 21. PubMed PMID: 17123523	Mouse
2007	Wang RS, Ohtani K, Suda M, Kitagawa K, Nakayama K, Kawamoto T, Nakajima T. Reproductive toxicity of ethylene glycol monoethyl ether in Aldh2 knockout mice. <i>Ind Health.</i> 2007 Aug;45(4):574-8. PubMed PMID: 17878629	Mouse
2006	Elangovan N, Chiou TJ, Tzeng WF, Chu ST. Cyclophosphamide treatment causes impairment of sperm and its fertilizing ability in mice. <i>Toxicology.</i> 2006 May 1;222(1-2):60-70. Epub 2006 Mar 6. PubMed PMID: 16517039	Mouse
2006	Ruz R, Gregory M, Smith CE, Cyr DG, Lubahn DB, Hess RA, Hermo L. Expression of aquaporins in the efferent ductules, sperm counts, and sperm motility in estrogen receptor-alpha deficient mice fed lab chow versus casein. <i>Mol Reprod Dev.</i> 2006 Feb;73(2):226-37. PubMed PMID: 16261609; PubMed Central PMCID: PMC1533502	Mouse
2005	Grover A, Smith CE, Gregory M, Cyr DG, Sairam MR, Hermo L. Effects of FSH receptor deletion on epididymal tubules and sperm morphology, numbers, and motility. <i>Mol Reprod Dev.</i> 2005 Oct;72(2):135-44. PubMed PMID: 15973687	Mouse
2005	Livera G, Xie F, Garcia MA, Jaiswal B, Chen J, Law E, Storm DR, Conti M. Inactivation of the mouse adenylyl cyclase 3 gene disrupts male fertility and spermatozoon function. <i>Mol Endocrinol.</i> 2005 May;19(5):1277-90. Epub 2005 Feb 10. PubMed PMID: 15705663	Mouse
2005	Mochida K, Ohkawa M, Inoue K, Valdez DM Jr, Kasai M, Ogura A. Birth of mice after in vitro fertilization using C57BL/6 sperm transported within epididymides at refrigerated temperatures. <i>Theriogenology.</i> 2005 Jul 1;64(1):135-43. Epub 2004 Dec 15. PubMed PMID: 15935849	Mouse
2004	Miki K, Qu W, Goulding EH, Willis WD, Bunch DO, Strader LF, Perreault SD, Eddy EM, O'Brien DA. Glyceraldehyde 3-phosphate dehydrogenase-S, a sperm-specific glycolytic enzyme, is required for sperm motility and male fertility. <i>Proc Natl Acad Sci U S A.</i> 2004 Nov 23;101(47):16501-6. Epub 2004 Nov 16. PubMed PMID: 15546993; PubMed Central PMCID: PMC534542	Mouse
2011	Itach SB, Finklestein M, Etkovitz N, Breitbart H. Hyper-activated motility in sperm capacitation is mediated by Phospholipase D-dependent actin polymerization. <i>Dev Biol.</i> 2011 Dec 8. [Epub ahead of print] PubMed PMID: 22178154.	Mouse Human

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1995	Douglas-Hamilton DH. Validation procedures for the Hamilton Thorne Integrated Visual Optical System sperm and cell analyzer. <i>Qual Assur.</i> 1995 Dec;4(4):340-7. PubMed PMID: 8890364	N/A
2008	Klimowicz MD, Nizanski W, Batkowski F, Savic MA. The comparison of assessment of pigeon semen motility and sperm concentration by conventional methods and the CASA system (HTM IVOS). <i>Theriogenology.</i> 2008 Jul 1;70(1):77-82. Epub 2008 Apr 18. PubMed PMID: 18423566	Pigeon
2004	Sontakke SD, Umapathy G, Sivaram V, Kholkute SD, Shivaji S. Semen characteristics, cryopreservation, and successful artificial insemination in the Blue rock pigeon (<i>Columba livia</i>). <i>Theriogenology.</i> 2004 Jul;62(1-2):139-53. PubMed PMID: 15159109	Pigeon
2006	Brun JM, Theau-Clément M, Esparbié J, Falières J, Saleil G, Larzul C. Semen production in two rabbit lines divergently selected for 63-d body weight. <i>Theriogenology.</i> 2006 Dec;66(9):2165-72. Epub 2006 Sep 20. PubMed PMID: 16987548	Rabbit
2011	Coyan K, Baspinar N, Bucak M, Akalin P. Effects of cysteine and ergothioneine on post-thawed Merino ram sperm and biochemical parameters, <i>Cryobiology</i> , In Press, Accepted Manuscript, Available online 12 April 2011, ISSN 0011-2240, DOI: 10.1016/j.cryobiol.2011.04.001.	Ram
2011	Kasimanickam R, Kasimanickam V, Tibary A, Pelzer K. Effect of semen extenders on sperm parameters of ram semen during liquid storage at 4 [degree sign]C, <i>Small Ruminant Research</i> , In Press, Corrected Proof, Available online 6 May 2011, ISSN 0921-4488, DOI: 10.1016/j.smallrumres.2011.03.057.	Ram
2011	Moustacas VS, Zaffalon FG, Lagares MA, Loaiza-Eccheverri AM, Varago FC, Neves MM, Heneine LG, Arruda RP, Henry M. Natural, but not lyophilized, low density lipoproteins were an acceptable alternative to egg yolk for cryopreservation of ram semen. <i>Theriogenology.</i> 2011 Jan 15;75(2):300-7. Epub 2010 Oct 8. PubMed PMID: 20934209.	Ram
2010	Beilby KH, de Graaf SP, Grupen CG. The effect of sperm and cryoprotectant concentration on the freezing success of sex sorted ram sperm for in vitro fertilization. <i>Theriogenology.</i> 2010 Sep 15;74(5):786-94. Epub 2010 May 26. PubMed PMID: 20537691	Ram
2010	Favareto AP, Rodello L, Taconeli CA, Bicudo SD, Klinefelter GR, Kempinas WG. Identification of the SP22 sperm protein in Santa Inês and Dorper rams. <i>Reprod Domest Anim.</i> 2010 Apr;45(2):323-30. Epub 2008 Dec 16. PubMed PMID: 19144024.	Ram

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2009	de Graaf SP, Beilby KH, Underwood SL, Evans G, Maxwell WM. Sperm sexing in sheep and cattle: the exception and the rule. <i>Theriogenology</i> . 2009 Jan 1;71(1):89-97. Epub 2008 Nov 1. Review. PubMed PMID: 18977523	Seep, Bovine
2009	Suwanpugdee A, Kornkeawrat K, Saikhun K, Siriaroonrat B, Tipkantha W, Doungsa-Ard K, Sa-Ardrit M, Suthunmapinatha P, Pinyopummin A. Semen characteristics and sperm morphology of serow (<i>Capricornis sumatraensis</i>). <i>Theriogenology</i> . 2009 Mar 1;71(4):576-85. Epub 2008 Oct 21. PubMed PMID: 18945482	Serow
2010	Leahy T, Marti JI, Evans G, Maxwell WM. Seasonal variation in the protective effect of seminal plasma on frozen-thawed ram spermatozoa. <i>Anim Reprod Sci</i> . 2010 May;119(1-2):147-53. Epub 2009 Dec 16. PubMed PMID: 20089374	Sheep
2010	Leahy T, Marti JI, Mendoza N, Pérez-Pé R, Muiño-Blanco T, Cebrián-Pérez JA, Evans G, Maxwell WM. High pre-freezing dilution improves post-thaw function of ram spermatozoa. <i>Anim Reprod Sci</i> . 2010 May;119(1-2):137-46. Epub 2009 Dec 16. PubMed PMID: 20060663	Sheep
2007	de Graaf SP, Evans G, Gillan L, Guerra MM, Maxwell WM, O'Brien JK. The influence of antioxidant, cholesterol and seminal plasma on the in vitro quality of sorted and non-sorted ram spermatozoa. <i>Theriogenology</i> . 2007 Jan 15;67(2):217-27. Epub 2006 Aug 23. PubMed PMID: 16934321	Sheep
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