

เอกสารอ้างอิง

- กนกวรรณ ศรีงาม. 2542. การผลิตโมโนโคลนอลแอนติบอดีจากเซลล์ลูกผสมข้ามสปีชีส์ต่อต้านฮอร์โมนอีสตราไดออล เพื่อการตรวจคัดในโคนม โดยวิธีการวิเคราะห์เอนไซม์ลิงค์อิมมูโนซอร์เบนท์. วิทยานิพนธ์วิทยาศาสตรมหาบัณฑิต. บัณฑิตวิทยาลัย. มหาวิทยาลัยเชียงใหม่.
- รังสรรค์ พาลพ่าย. 2530. การปฏิสนธิในหลอดแก้วและการย้ายฝากตัวอ่อน. จุฬาลงกรณ์มหาวิทยาลัย. หน้า 133-157.
- สารกิจ ถวิลประวีต. 2546. นโยบายนํานมคุณภาพสู่ผู้บริโภคและการรองรับการค้าเสรี. เอกสารสรุปการประชุมวิชาการโคนม “นํานมโคคุณภาพสู่ผู้บริโภค” คณะสัตวแพทยศาสตร์ มหาวิทยาลัยขอนแก่น
-
- สำนักงานเศรษฐกิจการเกษตร. 2547. (ติดต่อเป็นการส่วนตัว)
- อรวดี หาญวิวัฒน์วงศ์. 2539. ปฏิบัติการระหว่างแอนติเจนและแอนติบอดี. หน้า 77-102. ใน: ฤทัย สกุลแรมรุ่ง และคณะ (ผู้รวบรวม), วิทยานิพนธ์. ฉบับพิมพ์ครั้งที่ 10. สำนักพิมพ์จุฬาลงกรณ์. กรุงเทพมหานคร.
- Abbas, A. K., Lechtman, A. H. and Pober, S. J. 1994. General Properties of Immune Responses in Cellular and Molecular Immunology. Saunders Co., Pennsylvania. p. 3-13.
- Advanced Reproductive Techniques College of Veterinary Medicine Auburn University. 2004. cited on 25 October 2004. www.vetmed.auburn.edu/art/student_ivf_overvie.
- Ali, J. I., Idrige, F.E., Koo, G.C. and Schanbacher, B.D. 1990. Enrichment of bovine x- and y-chromosome-bearing sperm with monoclonal H-Y antibody-fluorescence-activated cell sorter. *Archives of Andrology* 24 : 235-245.
- Alves, B.C.A., Hossepian de Lima, V.F.M., Teixeira, C.M. and Moreira-Filho, C.A. 2003. Use of primers derived from a new sequence of the bovine Y chromosome for sexing *Bos Taurus* and *Bos indicus* embryos. *Theriogenology* 59 : 1415-1419.
- Arvieux, J. and Williams, A. F. 1988. Immunoaffinity chromatography. In: Antibody Volume I: a Practical Approach. Catty, d. (ed). IRL Press, Oxford. P. 113-136
- Barros, C.M. and Nogueira, M.F.G. 2001. Embryo transfer in *Bos indicus* cattle. *Theriogenology* 56 : 1483-1496.

- Baracaldo, M.I., Martinez, M.F., Adams, G.P. and Mapletoft, R.J. 1999. Superovulatory response following transvaginal follicle ablation in cattle. *Theriogenology* 53 : 1239-1250.
- Blondin, P., Coenen, L.A. and Guilbault, M.A. 1995. Superovulation can reduce the developmental competence of bovine embryos. *Theriogenology* 46 : 1191 – 1203.
- Booman, P., Kruijt, L., Tieman, M., Piedrahita, J.A., Veerhuis, R., Boer, P. and Ruch, E.E. 1989. Production and characterization of monoclonal antibodies against the H-Y antigen. *Reproductive Immunology* 15 : 195-205.
- Borrebaeck, C.A.K. and Moller, S.A. 1986. *In vitro* immunization. Effect of growth and differentiation factors on antigen-specific B cell activation and production of monoclonal antibodies to autologous antigen and weak immunogen. *J. Immunology* 136 : 3710-3715.
- Bradley, M.P. and Heslop, B.F. 1988. The distribution of sex-specific (H-Y) antigens within the seminiferous tubules of the testis: an immunohistochemical study. *Human Genetics* 79 : 347-351.
- Bredbacka, P., Kankaanpää, A. and Peippo, J. 1995. PCR-sexing of bovine embryos: a simplified protocol. *Theriogenology* 44 : 167-176.
- Brunner, M., Moreira-Filho, C., Wachtel, G. and Wachtel, S.S. 1984. H-Y typing in the ELISA. *J. Immunological Methods* 75 : 203-209.
- Brunner, M., Filho, M.C.A., Wachtel, G. and Wachtel, S. 1984. On the secretion of H-Y antigen. *Cell* 37 : 615-619.
- Chrenek, P., Boulanger, L., Heyman, Y., Uhrin, P., Laurincik, L., Bulla, J. and Renard, J.P. 2000. Sexing and multiple genotype analysis from a single cell of bovin embryo. *Theriogenology* 55 : 1071-1081.
- Christopher, J. and Goldberg, E.H. 1976. H-Y (male) antigen : detection on eight-cell mouse embryos. *Science* 191:1134-1135.
- De Loos, F.A.M., Bevers, M.M., Dieleman, S.J. and Kruip, Th.A.M. 1990. Follicular and oocyte maturation in cows treated for superovulation. *Theriogenology* 35 : 537 – 546.
- Elizabeth, S., Anne, M., Phillip, C. and Kyuhei, T. 1984. Expression of H-Y antigen by female mice carrying sxr. *Transplantation* 37(1):17-21.

- Emory University. 2004. cited on 15 September 2004. www.emory.edu/.../justice/seminar/antibodies.htm.
- Enright, B.P., Lonergan, P., Dinnyes, A., Fair, F., Ward, F.A., Yang, X. and Boland, M.P. 2000. Culture of *in vitro* produced bovine zygotes *in vitro* vs *in vivo*: Implications for early embryo development and quality. *Theriogenology* 54 : 659-673.
- Food and Agriculture Organization of the United Nations. 2004. cited on 27 September 2004 . www.fao.org/statistic/agriculture.
- Goodfellow, P.N. and Andrews, P.W. 1982. Sexual differentiation and H-Y antigen. *Nature* 295:11-12.
- Gardon, J.C., Aguera, S. and Castejon, F. 2004. Sexing *in vitro* produced bovine embryos, At different stages of development using rat H-Y antiserum. *Theriogenology* 62 : 35-43.
-
- Goldberg, E.J., Boyse, E.A., Bennett, D., Scheid, M. and Carswell, E.A. 1971. Serological demonstration of H-Y antigen on mouse sperm. *Nature*. 232: 478-480.
- Gordon, I. 1994. In: Laboratory Production of Cattle Embryos. University Press Cambridge. UK. p.....
- Harlow, E. and Lane, D. 1988. Antibodies A Laboratory Manual. Cold Spring Harbor Laboratory. NY, USA.
- Hasler, J.F., Cardey, I., Stokes, J.E. and Bredbacka, P. 2002. Nonelectrophoretic PCR – sexing of bovine embryos in a commercial environment. *Theriogenology* 58 :1457-1469.
- Hasler, J.F., Bolby, C.R., Collier, R.J., Denham, S.C. and Lucy, M.C. 2003. Effect of recombinant bovine somatotropin on superovulatory response and recipient pregnancy rates in a commercial embryo transfer program. *Theriogenology* 59 : 1991 – 1928.
- Herr, C.M. and Reed, K.C. 1991. Micromanipulation of bovine embryos for sex determination. *Theriogenology* 35 : 45-54.
- Hochman, K., Zaron, Y., Dekel, I., Feldmesser, E., Medrano, J.F., Shani, M. and Ron, M. 1995. Multiple genotype analysis and sexing of IVF bovine embryos. *Theriogenology* 46 :1063 – 1075.
- Hoppe, P.C. and Koo, G.C. 1984. Reacting mouse sperm with monoclonal H-Y antibodies does not influence sex ratio of eggs fertilized *in vitro*. *Reproductive Immunology* 6:1-9.

- Iyer, S. V., Nandedkar, T.D. and Hegde, U.C. 1989. Production of H- Y antibody in the ascites fluid of mouse and localization of the antigen on cell and tissues. *Gamete Research* 22 : 37 – 49.
- Kringinger III, C.E., Block, J., Al-Katanani, Y.M., Rivera, R.M. and Hansen, P.M. 2003. Differences between Brahman and Holstein cows in response to estrus synchronization, superovulation and resistance of embryos to heat shock. *Animal Reproduction Science* 78 : 13-24.
- McLaren, A. 1988. Sex determination in mammals. *TIG* 4 : 153-157.
- Meck, J.M. and Goldberg, E. H. 1984. Serological detection of H-Y antigen in humans with a cellular radioimmunobinding assay and monoclonal antibody. *J. Immunological Methods* 73 : 293-299.
-
- Odde, K.G. 1990. Review of synchronization of estrus in postpartum cattle. *J. Animal Science* 68 : 817 – 830.
- Park, J.H., Lee, J.H., Choi, K.M., Joung, S.Y., Kim, J.Y., Chung, G.M., Jin, D.I. and Im, K.S. 2000. Rapid sexing of preimplantation bovine embryo using consecutive and multiplex polymerase chain reaction (PCR) with biopsied single blastomere. *Theriogenology* 55 : 1843-1853.
- Reilly, B.D. and Goldberg, E.H. 1991. Evaluation of a solid-phase cellular enzyme immunoassay for detection of the serologically defined male antigen. *J. Immunological Methods* 142 : 121-126
- Ronbison, J. J. 1996. Nutrition and reproduction. *Animal Reproduction Science* 42 : 25-34.
- Ramvalho, T., Garcia, J.M., Esper, C.R., Vantini, R., Alves, B.C.A., Almeida, I.L., Hossepian de Lima, V.F.M. and Moreira, C.A. 2004. Sexing of murine and bovine embryos by developmental arrest induced by high-titer H-Y antisera. *Theriogenology In Press*.
- Sambrook J. and Russell, D.W. 2001. *Molecular Cloning*. Volume 2. Cold Spring Harbor. New York. USA.
- Santos, J. E. P., Thatcher, W.W., Chebel, R.C., Cerri, R.L.A. and Galvo, K.N. 2004. The effect of embryonic death rates in cattle on the efficacy of estrus synchronization programs. *Animal Reproduction Science* 82-83 : 513-535.

- Sartori, R., Suarez-Fernandez, C.A., Monson, R.L., Guenther, J.N., Rosa, G.J.M. and Wiltbank, M.C. 2003. Improvement in recovery of embryos/ova using a shallow uterine horn flushing technique in superovulated Holstein heifers. *Theriogenology* 60: 1319-1330.
- Schelling, M.E. 1995. Methods of Immunization to enhance the immune response to specific antigens in vitro. In: *Monoclonal Antibody Protocols*. Davis W.C.
- Seidel, G.E. 1981. Superovulation and embryo transfer in cattle. *Science* 211 : 351 – 358.
- Selden, J.R. 1982. H-Y antigen and sex determination in animal. *Progress in Clinical and Biological Research* 94:381-418.
- Shapiro, M. and Erickson, R.P. 1981. Evidence that the serological determinant of H-Y antigen is carbohydrate. *Nature* 290 : 503-504.
- Shea, B.F. 1999. Determination the sex of bovine embryos using polymerase chain reaction results : a six-year retrospective studs. *Theriogenology* 51 : 841-854.
- Simpson, E., McLaren, A., Chandler, P. and Tomonari, K. 1984. Expression of H-Y antigen by female mice carrying sxr. *Transplantation* 37 : 17-21.
- Source foregTM.net. 2004. cited on 15 September 2004. www.mclid.co.uk/hiv/%20immune%20
- Thibier, M. and Nibart, M. 1995. The sexing of bovine embryo in the field. *Theriogenology* 43 :71 – 80.
- Verrhuis, R., Hendriksen, P.J.M., Hengst, A.M., Kruijt, L., Tieman, M. and Booman, P. 1994. The production of anti-H-Y monoclonal antibodies: their potential use in a sex test for bovine embryo. *Veterinary immunology and immunopathology* 42: 317-330.
- Virta, J., Markola, J., Peippo, J., Markkula, M. and Vikki, J. 2002. Sex determination of bovine embryo blastomeres by fluorogenic probes. *Theriogenology* 57 ; 2229 – 2236.
- Wachtel, S., Nakamura, D., Wachtel, G., Felton, W., Kent, M. and Jaswancy, V. 1988. Sex selection with monoclonal H-Y antibody. *Fertility and Sterility* 50 : 355-360.
- White, K.L., Anderson, G.B., Pashen, R.L. and BonDurant, R.H. 1987. Detection of histocompatibility - Y antigen: identification of sex of per-implantation ovine embryos. *J. Reproductive Immunology* 10 : 27-32.
- Zaborski, P. 1979. Detection of H-Y antigen on mouse sperm by the use of *Staphylococcus aureus*. *Transplantation* 27 : 348-350.

Zeitoun, M.M., Yassen, A.M., Hassan, A.A., Fathelbab, A.Z., Echternkamp, S.E., Wise, T.H. and Maurer, R.R. 1991. Superovulation and embryo quality in beef cow using PMSG and a monoclonal anti-PMSG. *Theriogenology* 35 : 653-665.

Zeleny, R., Bernreuther, A., Schimmel, H. And Pauwels, J. 2002. Evaluation of PCR-based beef sexing methods. *J. Agricultural and Food Chemistry* 50 : 4169-4175.



ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright© by Chiang Mai University
All rights reserved