

Clinical Outcomes, Fertility

- Adinolfi, M. (1986). Recurrent habitual abortion, HLA sharing and deliberate immunisation with partner's cells: a controversial topic. *Human Reproduction* **1**: 45-48.
- Agarwala, R., Schaffer, A. A. and Tomlin, J. F. (2001). Towards a complete North American Anabaptist Genealogy II: analysis of inbreeding. *Human Biology* **73**: 533-545.
- Al-Awadi, S. A., Naguib, K. K., Moussa, M. A., Farag, T. I., Teebi, A. S. and El-Khalifa, M. Y. (1986). The effects of consanguineous marriages on reproductive wastage. *Clinical Genetics* **29**: 384-388.
- Baccetti, B., Capitani, S., Collodel, G., Di Cairano, G., Gambera, L., Moretti, E. and Piomboni, P. (2001). Genetic sperm defects and consanguinity. *Human Reproduction* **16**: 1365-1371.
- Basaran, N., Hassa, H., Basaran, A., Artan, S., Stevenson, J. D. and Sayli, B. (1989). The effects of consanguinity on the reproductive wastage in the Turkish population. *Clinical Genetics* **36**: 168-173.
- Basu, A. M. (1993). Cultural influences on the timing of first births in India: large differences that add up to little difference. *Population Studies* **47**: 85-95.
- Basu, S. K. (1978). Effects of consanguinity among Muslim groups of India, In *Medical Genetics in India* (eds. Verma, I. C.) 173-187 (Auroma Enterprises, Pondichery).
- Bener, A., Rizk, D. E., Ezimokhai, M., Hassan, M., Micallef, R. and Sawaya, M. (1998). Consanguinity and the age of menopause in the United Arab Emirates. *International Journal of Gynecology & Obstetrics* **60**: 155-160.
- Benshushan, A. and Schenker, J. G. (1998). The right to an heir in the era of assisted reproduction. *Human Reproduction* **13**: 1407-1410.
- Bittles, A. H., Grant, J. C. and Shami, S. A. (1993). Consanguinity as a determinant of reproductive behaviour and mortality in Pakistan. *International Journal of Epidemiology* **15**: 455-460.
- Bittles, A. H., Grant, J. C., Sullivan, S. G. and Hussain, R. (2002). Does inbreeding lead to decreased human fertility? *Annals of Human Biology* **29**: 111-130.
- Bittles, A. H., Mason, W. M., Greene, J. and Rao, N. A. (1991). Reproductive behavior and health in consanguineous marriages. *Science* **252**: 789-794.
- Bittles, A. H. and Matson, P. L. (2000). Genetic influences on human fertility, In *Infertility in the Modern World: Present and Future Prospects* (eds. Bentley, G. R. and Mascie-Taylor, C. G. N.) 46-81 (Cambridge University Press, Cambridge).

- Bongaarts, J., Frank, O. and Lesthaeghe, R. (1984). The proximate determinants of fertility in sub-Saharan Africa. 510-536.
- Chengal Reddy, P. (1983). Consanguinity and inbreeding effects on fertility, mortality and morbidity in the Malas of Chittoor district. *Zeitschrift für Morphologie und Anthropologie* **74**: 45-51.
- Chowdhury, A. K. M., Khan, A. R. and Chen, L. C. (1977). The effect of child mortality experience on subsequent fertility in Pakistan and Bangladesh. *Population Studies* **30**: 249-261.
- Clarke, B. and Kirby, D. R. (1966). Maintenance of histocompatibility polymorphisms. *Nature* **211**: 999-1000.
- Coulam, C. B., Moore, S. B. and O'Fallon, M. (1987). Association between major histocompatibility antigen and reproductive performance. *American Journal of Reproductive Immunology* **14**: 54-58.
- Curie-Cohen, M. (1980). The frequency of consanguineous matings due to multiple use of donors in artificial insemination. *American Journal of Human Genetics* **32**: 589-600.
- David, P. H. (1999). Family-building patterns and childhood mortality: a family-level analysis. *Journal of Biosocial Science* **31**: 463-485.
- Davis, C. J., Davison, R. M., Payne, N. N., Rodeck, C. H. and Conway, G. S. (2000). Female sex preponderance for idiopathic familial premature ovarian failure suggests an X chromosome defect: opinion. *Human Reproduction* **15**: 2418-2422.
- Dawson, D. V., Ober, C. and Kostyu, D. D. (1995). Extended HLA profile of an inbred isolate: the Schmiedlenleut Hutterites of South Dakota. *Genetic Epidemiology* **12**: 47-62.
- de Boer, A., Oosterwijk, J. C. and Rigters-Aris, C. A. E. (1987). Excessive use of a single donor and inadvertent consanguinity. *Fertility and Sterility* **67**: 1182-1183.
- Eaton, J. W. and Mayer, A. J. (1953). The social biology of very high fertility among the Hutterites. The demography of a unique population. *Human Biology* **25**: 206-264.
- Edmond, M. and De Braekeleer, M. (1993). Inbreeding effects on fertility and sterility: a case-control study in Saguenay-Lac-Saint-Jean (Quebec, Canada) based on a population registry 1838-1971. *Annals of Human Biology* **20**: 545-555.
- Egeland, T., Hoff-Olsen, P. and Magnur, O. (1997). Excessive use of a single donor? and inadvertent consanguinity. *Fertility and Sterility* **67**: 1181-1182.
- El-Saadani, S. (2000). High fertility does not cause spontaneous intrauterine fetal loss: The determinants of spontaneous fetal loss in Egypt. *Social Biology* **47**: 218-243.

- Ericksen, J. A., Ericksen, E. P., Hostetler, J. A. and Huntington, G. E. (1979). Fertility patterns and trends among the Old Order Amish. *Population Studies* **33**: 255-276.
- Favero, R., Rizzo, F., Baccetti, B. and Piomboni, P. (1999). Embryo development, pregnancy and twin delivery after microinjection of 'stump' spermatozoa. *Andrologia* **31**: 335-338.
- Goswami, H. K. (1987). Twinning and inbreeding in India: the fraternal component. *Acta Genetica et Medica Gemellologiae* **36**: 343-347.
- Goswami, R. and Goswami, H. K. (1993). Changing trends in twinning. *Acta Genetica et Medica Gemellologiae* **42**: 289-294.
- Grob, B., Knapp, L. A., Martin, R. D. and Anzenberger, G. (1998). The major histocompatibility complex and mate choice: inbreeding avoidance and selection of good genes. *Experimental Clinical Immunogenetics* **15**: 119-129.
- Hedrick, P. W. and Black, F. L. (1997). HLA and mate selection: no evidence in South Americans. *American Journal of Human Genetics* **61**: 505-511.
- Hussain, R. and Bittles, A. H. (1999). Consanguineous marriage and differentials in age at marriage, contraceptive use and fertility in Pakistan. *Journal of Biosocial Science* **31**: 121-138.
- Hussain, R. and Bittles, A. H. (2004). Assessment of association between consanguinity and fertility in Asian populations. *Journal of Health Population and Nutrition* **22**: 1-12.
- Hussain, R., Fikree, F. R. and Berendes, H. W. (2000). The role of son preference in reproductive behaviour in Pakistan. *Bulletin of the World Health Organization* **78**: 379-388.
- Ihara, Y., Aoki, K., Tokunaga, K., Takahashi, K. and Juji, T. (2000). HLA and human mate choice: tests on Japanese couples. *Anthropological Science* **108**: 199-214.
- Jin, K., Speed, T. P. and Thomson, G. (1995). Tests of random mating for a highly polymorphic locus: applications to HLA data. *Biometrics* **51**: 1064-1076.
- Khoury, S. A. and Massad, D. F. (2000). Consanguinity, fertility, reproductive wastage, infant mortality and congenital malformations in Jordan. *Saudi Medical Journal* **21**: 150-154.
- Kostyu, D. D., Dawson, D. V., Elias, S. and Ober, C. (1993). Deficit of HLA homozygotes in a Caucasian isolate. *Human Immunology* **37**: 135-142.
- Kostyu, D. D., Ober, C. L., Dawson, D. V., Ghanayem, M., Elias, S. and Martin, A. O. (1989). Genetic analysis of HLA in the U.S. Schmiedlenleut Hutterites. *American Journal of Human Genetics* **45**: 261-269.

- Le Lannou, D., Thépot, F. and Jouannet, P. (1998). Multicentre approaches to donor insemination in the French CECOS Federation: nationwide evaluation, donor matching, screening for genetic diseases and consanguinity. *Human Reproduction* **13**: 35-54.
- Mange, A. P. (1964). Growth and inbreeding of a human isolate. *Human Biology* **36**: 104-133.
- Martin-Villa, J. M., De Juan, D., Vicario, J. L., Luque, I. M., Alvarez, E., Cortes-Prieto, J. and Arnaiz-Villena, A. (1993). HLA class I, class II, and class III antigen sharing is not found in couples with unexplained infertility. *International Journal of Fertility* **38**: 280-288.
- McDonough, P. G. (1997). Excessive use of a single donor? and inadvertent consanguinity. *Fertility and Sterility* **67**: 1183-1185.
- Mohan Reddy, B. (1992). Inbreeding effects on reproductive outcomes: a study based on a large sample from the endogamous Vadde of Kolleru Lake, Andhra Pradesh, India. *Human Biology* **64**: 659-682.
- Moore, M. J. (1987). Inbreeding and reproductive parameters among Mennonites in Kansas. *Social Biology* **34**: 180-186.
- Ober, C. (1995). Current topic: HLA and reproduction: lessons from studies in Hutterites. *Placenta* **16**: 569-577.
- Ober, C. (1998). Immunogenetics '98, HLA and pregnancy: the paradox of the fetal allograft. *American Journal of Human Genetics* **62**: 1-5.
- Ober, C. (1999). Studies of HLA, fertility and mate choice in a human isolate. *Human Reproduction Update* **5**: 103-107.
- Ober, C., Elias, S., Kostyu, D. D. and Hauck, W. W. (1992). Decreased fecundability in Hutterite couples sharing HLA-DR. *American Journal of Human Genetics* **50**: 6-14.
- Ober, C., Hyslop, T. and Hauck, W. W. (1999). Inbreeding effects on fertility in humans: evidence for reproductive compensation. *American Journal of Human Genetics* **64**: 225-231.
- Ober, C., Simpson, J. L., Ward, M., Radvany, R. M., Andersen, R., Elias, S. and Sabbagha, R. (1987). Prenatal effects of maternal-fetal HLA compatibility. *American Journal of Reproductive Immunology* **15**: 141-149.
- Ober, C., Weitkamp, L. R., Cox, N., Dylek, H., Kostyn, D. and Elias, S. (1997). HLA and mate choice in humans. *American Journal of Human Genetics* **61**: 497-504.
- Ober, C. L., Hauck, W. W., Kostyu, D. D., O'Brien, E., Elias, S., Simpson, J. L. and Martin, A. O. (1985). Adverse effects of human leucocyte antigen-DR sharing on fertility: a cohort study in human isolate. *Fertility and Sterility* **44**: 227-232.

- Ober, C. L., Martin, A. O., Simpson, J. L., Hauck, W. W., Amos, D. B., Kostyu, D. D., Fotino, M. and Allen, F. H. (1983). Shared HLA antigens and reproductive performance among Hutterites. *American Journal of Human Genetics* **35**: 994-1004.
- Overall, A. D. and Nichols, R. A. (2001). A method for distinguishing consanguinity and population substructure using multilocus genotype data. *Molecular Biology and Evolution* **18**: 2048-2056.
- Pedersen, J. (2000). Determinants of infant and child mortality in the West Bank and Gaza Strip. *Journal of Biosocial Science* **32**: 527-546.
- Philippe, P. (1974). Amenorrhea, intrauterine mortality and parental consanguinity in an isolated French Canadian population. *Human Biology* **46**: 405-424.
- Pollack, M. S., Wysocki, C. J., Beauchamp, G. K., Braun, D., Callaway, C. and Dupont, B. (1982). Absence of HLA association or linkage for variations in sensitivity to the odor of androstenone. *Immunogenetics* **15**: 579-589.
- Puri, R. K., Verma, I. C. and Bhargava, I. (1978). Effects of consanguinity in a community in Pondicherry, In *Medical Genetics in India* (eds. Verma, I. C.) 129-139.
- Rao, P. S. S. and Inbaraj, S. G. (1979). Inbreeding effects on fertility and sterility in southern India. *Journal of Medical Genetics* **16**: 24-31.
- Richter, K. and Adlakha, A. (1989). The effect of infant and child mortality on subsequent fertility. *Journal of Population and Social Studies* **2**: 44-62.
- Roberts, D. F. and Bonné, B. (1973). Reproduction and inbreeding among the Samaritans. *Social Biology* **20**: 64-70.
- Robertson, A., Charlesworth, D. and Ober, C. (1999). Effect of inbreeding avoidance on Hardy-Weinberg expectations: examples of neutral and selected loci. *Genetic Epidemiology* **17**: 165-173.
- Rosenberg, L. T., Cooperman, D. and Payne, R. (1983). HLA and mate selection. *Immunogenetics* **17**: 89-93.
- Rugolo, S., Mirabella, D., Palumbo, M. A., Chiantello, R. and Fiore, G. (2002). Complete Wolfram's syndrome and successful pregnancy. *European Journal of Obstetrics, Gynecology and Reproductive Biology* **105**: 192-193.
- Rukanuddin, A. R. (1982). Infant-child mortality and son preference as factors influencing fertility in Pakistan. *The Pakistan Development Review*: 297-328.

- Schull, W. J., Nagano, H., Yamamoto, M. and Komatsu, I. (1970). The effects of parental consanguinity and inbreeding in Hirado, Japan. *American Journal of Human Genetics* **22**: 239-262.
- Schull, W. J. and Neel, J. V. (1972). The effects of parental consanguinity and inbreeding in Hirado, Japan. *American Journal of Human Genetics* **24**: 425-453.
- Scott-Emuakpor, A. B. (1974). The mutation load in an African population. *American Journal of Human Genetics* **26**: 674-682.
- Seminara, S. B., Messager, S., Chatzidaki, E. E., Thresher, R. R., Acierno, J. S., Jr., Shagoury, J. K., Bo-Abbas, Y., Kuohung, W., *et al.* (2003). The GPR54 gene as a regulator of puberty. *New England Journal of Medicine* **349**: 1614-1627.
- Shami, S. A. and Hussain, S. B. (1984). Consanguinity in the population of Gujrat (Punjab), Pakistan. *Biologia* **30**: 93-109.
- Shami, S. A. and Iqbal, I. (1983). Consanguineous marriages in the population of Sheikhpura (Punjab), Pakistan. *Biologia* **29**: 231-244.
- Shami, S. A. and Minhas, I. B. (1984). Effects of consanguineous marriages on offspring mortality in the City of Jhelum (Punjab) Pakistan. *Biologia* **29**: 153-165.
- Shami, S. A., Schmitt, L. H. and Bittles, A. H. (1991). Consanguinity, spousal age at marriage and fertility in seven Pakistani Punjabi cities. *Annals of Human Biology* **17**: 97-105.
- Shami, S. A. and Siddiqui, H. (1984). The effects of parental consanguinity in Rawalpindi city (Punjab), Pakistan. *Biologia* **30**: 189-200.
- Shami, S. A. and Zahida (1982). Study of consanguineous marriages in the population of Lahore (Punjab) Pakistan. *Biologia* **28**: 1-5.
- Sheps, M. C. (1965). An analysis of reproductive patterns in an American Isolate. *Population Studies* **19**: 65-80.
- Surender, S., Prabakaran, B. and Khan, A. G. (1998). Mate selection and its impact on female marriage age, pregnancy wastages, and first child survival in Tamil Nadu, India. *Social Biology* **45**: 289-301.
- Sykes, B. and Irven, C. (2000). Surnames and the Y chromosome. *American Journal of Human Genetics* **66**: 1417-1419.
- Thomas, J. G. (1992). Influence of MHC and MHC-linked genes on reproduction. *American Journal of Human Genetics* **50**: 1-5.

- Tunçbilek, E. and Koç, I. (1994). Consanguineous marriage in Turkey and its impact on fertility and mortality. *Annals of Human Genetics* **58**: 321-329.
- Wedekind, C., Seebeck, T., Bettens, F. and Paepke, A. J. (1995). MHC-dependent mate preference in humans. *Proceedings of the Royal Society of London Series B* **260**: 245-249.
- Yanase, Y., Fujiki, N., Handa, Y., Yamaguchi, M., Kishimoto, K., Furusho, T., Tsuji, Y. and Tanaka, K. (1973). Genetic studies on inbreeding in some Japanese populations. XII. Studies of isolated populations. *Japanese Journal of Human Genetics* **17**: 332-336.
- Yusuf, F. and Rukanuddin, A. R. (1989). Correlates of fertility behaviour in Pakistan. *Biology and Sociology* **6**: 61-68.
- Zhivotovsky, L. A., Ahmed, S., Wang, W. and Bittles, A. H. (2001). The forensic DNA implications of genetic differentiation between endogamous communities. *Forensic Science International* **119**: 269-272.