

# MD989: Implantation and Early Pregnancy

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Abir, R., Ben-Aharon, I., Garor, R., Yaniv, I., Ash, S., Stemmer, S. M., Ben-Haroush, A., Freud, E., Kravarusic, D., Sapir, O., & Fisch, B. (2016). Cryopreservation of in vitro matured oocytes in addition to ovarian tissue freezing for fertility preservation in paediatric female cancer patients before and after cancer therapy. *Human Reproduction*, 31(4), 750–762. <https://doi.org/10.1093/humrep/dew007>

Al-Sabbagh, M., Lam, E. W.-F., & Brosens, J. J. (2012). Mechanisms of endometrial progesterone resistance. *Molecular and Cellular Endocrinology*, 358(2), 208–215. <https://doi.org/10.1038/nm.3012>

Blanks, A. M., Shmygol, A., & Thornton, S. (2007). Myometrial function in prematurity. *Best Practice & Research Clinical Obstetrics & Gynaecology*, 21(5), 807–819. <https://doi.org/10.1016/j.bpobgyn.2007.03.003>

Cha, J., Sun, X., & Dey, S. K. (2012). Mechanisms of implantation: strategies for successful pregnancy. *Nature Medicine*, 18(12), 1754–1767. <https://doi.org/10.1038/nm.3012>

Chong, H. P., & Quenby, S. M. (2016). Natural killer cells and reproductive health. *The Obstetrician & Gynaecologist*, 18(2), 91–97. <https://contentstore.cla.co.uk/secure/link?id=5506c958-5520-e711-80c9-005056af4099>

Franciscus, R. G. (2009). When did the modern human pattern of childbirth arise? New insights from an old Neandertal pelvis. *Proceedings of the National Academy of Sciences*, 106(23), 9125–9126. <https://doi.org/10.1073/pnas.0903384106>

Fu, J., Shao, J., Li, X., Xu, Y., Liu, S., & Sun, X. (2013). Non-invasive metabolomic profiling of Day 3 embryo culture media using near-infrared spectroscopy to assess the development potential of embryos. *Acta Biochimica et Biophysica Sinica*, 45(12), 1074–1078. <https://doi.org/10.1093/abbs/gmt115>

Gellersen, B., & Brosens, J. J. (2014). Cyclic Decidualization of the Human Endometrium in Reproductive Health and Failure. *Endocrine Reviews*, 35(6), 851–905. <https://doi.org/10.1210/er.2014-1045>

Lucas, E. S., Dyer, N. P., Murakami, K., Hou Lee, Y., Chan, Y.-W., Grimaldi, G., Muter, J., Brighton, P. J., Moore, J. D., Patel, G., Chan, J. K. Y., Takeda, S., Lam, E. W.-F., Quenby, S., Ott, S., & Brosens, J. J. (2016). Loss of Endometrial Plasticity in Recurrent Pregnancy Loss. *Stem Cells*, 34(2), 346–356. <https://doi.org/10.1002/stem.2222>

Mesiano, S., Wang, Y., & Norwitz, E. R. (2011). Progesterone Receptors in the Human Pregnancy Uterus: Do they Hold the Key to Birth Timing? *Reproductive Sciences*, 18(1),

6-19. <https://doi.org/10.1177/1933719110382922>

Norman, J. E., Marlow, N., Messow, C.-M., Shennan, A., Bennett, P. R., Thornton, S., Robson, S. C., McConnachie, A., Petrou, S., Sebire, N. J., Lavender, T., Whyte, S., & Norrie, J. (2016). Vaginal progesterone prophylaxis for preterm birth (the OPPTIMUM study): a multicentre, randomised, double-blind trial. *The Lancet*, 387(10033), 2106-2116.  
[https://doi.org/10.1016/S0140-6736\(16\)00350-0](https://doi.org/10.1016/S0140-6736(16)00350-0)

Norwitz, E. R., Robinson, J. N., & Challis, J. R. G. (1999). The Control of Labor. *New England Journal of Medicine*, 341(9), 660-666. <https://doi.org/10.1056/NEJM199908263410906>

Plunkett, J., Doniger, S., Orabona, G., Morgan, T., Haataja, R., Hallman, M., Puttonen, H., Menon, R., Kuczynski, E., Norwitz, E., Snegovskikh, V., Palotie, A., Peltonen, L., Fellman, V., DeFranco, E. A., Chaudhari, B. P., McGregor, T. L., McElroy, J. J., Oetjens, M. T., ... Muglia, L. (2011). An Evolutionary Genomic Approach to Identify Genes Involved in Human Birth Timing. *PLoS Genetics*, 7(4). <https://doi.org/10.1371/journal.pgen.1001365>

Polanski, L. T., Barbosa, M. A. P., Martins, W. P., Baumgarten, M. N., Campbell, B., Brosens, J., Quenby, S., & Raine-Fenning, N. (2014). Interventions to improve reproductive outcomes in women with elevated natural killer cells undergoing assisted reproduction techniques: a systematic review of literature. *Human Reproduction*, 29(1), 65-75.  
<https://doi.org/10.1093/humrep/det414>

Ratajczak, C. K., Fay, J. C., & Muglia, L. J. (2010). Preventing preterm birth: the past limitations and new potential of animal models. *Disease Models & Mechanisms*, 3(7-8), 407-414. <https://doi.org/10.1242/dmm.001701>

Smith, R. (2007). Mechanisms of disease - Parturition. *New England Journal of Medicine*, 356(3), 271-283. <https://doi.org/10.1056/NEJMra061360>

Strauss, J. F., Barbieri, R. L., & Yen, S. S. C. (n.d.). Yen and Jaffe's reproductive endocrinology: physiology, pathophysiology, and clinical management (7th ed) [Electronic resource]. Elsevier/Saunders.  
<http://0-www.sciencedirect.com.pugwash.lib.warwick.ac.uk/science/book/9781455727582>

Taylor, D. M., Thum, M.-Y., & Abdalla, H. (2008). Dichorionic triamniotic triplet pregnancy with monozygotic twins discordant for trisomy 13 after preimplantation genetic screening: case report. *Fertility and Sterility*, 90(5), 5-9.  
[https://www.fertstert.org/article/S0015-0282\(08\)00194-5/pdf](https://www.fertstert.org/article/S0015-0282(08)00194-5/pdf)

Tong, M., Kleffmann, T., Pradhan, S., Johansson, C. L., DeSousa, J., Stone, P. R., James, J. L., Chen, Q., & Chamley, L. W. (2016). Proteomic characterization of macro-, micro- and nano-extracellular vesicles derived from the same first trimester placenta: relevance for feto-maternal communication. *Human Reproduction*, 31(4), 687-699.  
<https://doi.org/10.1093/humrep/dew004>