

## Aktuelle Publikationen

### Wissenschaft

1. **Schuettler J, Peng Z, Zimmer J, Sinn P, von Hagens C, Strowitzki T, Vogt PH.**  
Variable expression of the Fragile X Mental Retardation 1 (FMR1) gene in patients with premature ovarian failure syndrome is not dependent on number of (CGG)<sub>n</sub> triplets in exon 1. *Hum Reprod* (2011) 26:1241-1251
2. **Germeyer A, Jauckus J, Zorn M, Toth B, Capp E, Strowitzki T.**  
Metformin modulates IL-8, IL-1 $\beta$ , ICAM and IGFBP-1 expression in human endometrial stromal cells. *Reprod Biomed Online* (2011) 22:327-334
3. **Eggert-Kruse W, Weltin M, Strowitzki T.**  
Are Chlamydial ipopolysaccachide-directed Antibodies in Seminal Plasma or Serum Clinically ignificant During Investigation of Male Infertility? *Urology* (2011) 77:1101-1106
4. Lawrenz B, **Jauckus J**, Kupka MS, **Strowitzki T**, von Wolff M.  
Fertility reservation in >1,000 patients: patient's characteristics, spectrum, efficacy nd risks of applied preservation techniques. *Arch Gynecol Obstet* (2011) 3:651-65
5. **Eggert-Kruse W, Ziegler A, Horlbeck S, Strowitzki T**  
Medical history screening for thrombophilic risk – is this adequate? *Fertil Steril* (2011) 95:1917-1921
6. **Toth B**, Würfel W, **Germeyer A**, Hirv K, Makrigiannakis A, **Strowitzki T**  
Disorders of implantation--are there diagnostic and therapeutic options? *J Reprod Immunol.* (2011) 90:117-123
7. Capp E, **Jauckus J**, von Eye Corleta H, **Toth B, Strowitzki T, Germeyer A**  
Does metformin influence the insulin-, IGF I- and IGF II-receptor gene expression and Akt phosphorylation in human decidualized endometrial stromal cells? *Eur J Obstet Gynecol Reprod Biol.* (2011) 158:248-253
8. Herrmann D, Scherg H, Verres R, **von Hagens C, Strowitzki T**, Wischmann T.  
Resilience in infertile couples acts as a protective factor against infertility-specific distress and impaired quality of life. *J Assist Reprod Genet* (2011) 28:1111-1117
9. Petraglia F, Hornung D, Seitz C, Faustmann T, Gerlinger C, Luisi S, Lazzeri L, **Strowitzki T**  
Reduced pelvic pain in women with endometriosis: efficacy of long-term dienogest treatment. *Arch Gynecol Obstet* (2012) 285:167-173
10. **Roesner S**, von Wolff M, **Eberhardt I**, Beuter-Winkler P, **Toth B, Strowitzki T.**  
In vitro maturation: a five-year experience. *Acta Obstet Gynecol Scand* (2012) 91:22-27
11. **Von Hagens C**, Schiller P, **Godbillon B, Osburg J**, Klose C, Limplrecht R, **Strowitzki T**  
Treating menopausal symptoms with a complex remedy or placebo: a randomized controlled trial. *Climacteric* (2012) 15:358-367

12. **Strowitzki T**, Marr J, Gerlinger C, Faustmann T, Seitz C.  
Detailed analysis of a randomized, multicenter, comparative trial of dienogest versus leuprolide acetate in endometriosis. *Int J Gynaecol Obstet* (2012) 117:228-233
13. **Strowitzki T**, Kirsch B, Elliesen J.  
Efficacy of ethinylestradiol 20 µg/drospirenone 3 mg in a flexible extended regimen in women with moderate-to-severe primary dysmenorrhoea: an open-label, multicentre, randomised, controlled study. *J Fam Plann Reprod Health Care* (2012) 38:94-101
14. Schilling K, **Toth B**, **Rösner S**, **Strowitzki T**, Wischmann T.  
Prevalence of behaviour-related fertility disorders in a clinical sample: results of a pilot study. *Arch Gynecol Obstet* (2012) Jul 3. [Epub ahead of print]
15. Rank A, Nieuwland R, Roesner S, Nikolajek K, Hiller E, Toth B  
Climacteric lowers plasma levels of platelet-derived microparticles: a pilot study in pre-versus postmenopausal women. *Acta Haematol* (2012) 128:53-9
16. Rank A, Liebhardt S, Zwirner J, Burges A, Nieuwland R, **Toth B**  
Circulating microparticles in patients with benign and malignant ovarian tumors. *Anticancer Res* (2012) 32:2009-14
17. Rank A, Nieuwland R, Nikolajek K, **Rösner S**, **Wallwiener LM**, Hiller E, **Toth B**  
Hormone replacement therapy leads to increased plasma levels of platelet derived microparticles in postmenopausal women. *Arch Gynecol Obstet* (2012) 285 :1035-41
18. Pestka A, **Toth B**, Kuhn C, Hofmann S, Wiest I, Wypior G, Friese K, Jeschke U  
Retinoid X receptor  $\alpha$  and retinoids are key regulators in apoptosis of trophoblasts of patients with recurrent miscarriages. *J Mol Endocrinol* (2011) 47:145-56
19. Rank A, Nieuwland R, **Toth B**, Pihusch V, Delker R, Hiller E, Kolb HJ, Pihusch R  
Microparticles for diagnosis of graft-versus-host disease after allogeneic stem transplantation. *Transplantation* (2011) 92:244-50
20. Rank A, Nieuwland R, Delker R, Pihusch V, Wilkowski R, Toth B, Kolb HJ, Pihusch R.  
Surveillance of megakaryocytic function by measurement of CD61-exposing microparticles in allogeneic hematopoietic stem cell recipients. *Clin Transplant* (2011) 25:E233-42
21. Rank A, Nieuwland R, Crispin A, Grützner S, Iberer M, **Toth B**, Pihusch R  
Clearance of platelet microparticles in vivo. *Platelets* (2011) 22:111-6
22. Rank A, Nieuwland R, Liebhardt S, Iberer M, Grützner S, **Toth B**, Pihusch R  
Apheresis platelet concentrates contain platelet-derived and endothelial cell-derived microparticles. *Vox Sang* (2011) 100:179-86
23. Isachenko V, Isachenko E, Keck G, Dittrich R, **Montag M**, van der Ven H, Mallmann P, Müller A, Distler W, Beckmann MW, Rahimi G  
First live birth in germany after re-transplantation of cryopreserved ovarian tissue: original device for initiation of ice formation. *Clin Lab* (2012) 58:933-8

24. Ebner T, Köster M, Shebl O, Moser M, Van der Ven H, Tews G, **Montag M**  
Application of a ready-to-use calcium ionophore increases rates of fertilization and pregnancy in severe male factor infertility. *Fertil Steril* (2012) 98:1432-7
25. **Montag M**, Köster M, van der Ven K, Bohlen U, van der Ven H  
The benefit of artificial oocyte activation is dependent on the fertilization rate in a previous treatment cycle. *Reprod Biomed Online* (2012) 24:521-6
26. Handyside AH, **Montag M**, Magli MC, Repping S, Harper J, Schmutzler A, Vesela K, Gianaroli L, Geraedts J  
Multiple meiotic errors caused by predivision of chromatids in women of advanced maternal age undergoing in vitro fertilisation. *Eur J Hum Genet* (2012) 20:742-7
27. Müller A, Keller K, Wacker J, Dittrich R, Keck G, **Montag M**, Van der Ven H, Wachter D, Beckmann MW, Distler W  
Retransplantation of cryopreserved ovarian tissue: the first live birth in Germany. *Dtsch Arztebl Int* (2012) 109:8-13
28. Dittrich R, Lotz L, Keck G, Hoffmann I, Mueller A, Beckmann MW, van der Ven H, **Montag M**  
Live birth after ovarian tissue autotransplantation following overnight transportation before cryopreservation. *Fertil Steril* (2012) 97:387-90
29. Magli MC, **Montag M**, Köster M, Muzi L, Geraedts J, Collins J, Goossens V, Handyside AH, Harper J, Repping S, Schmutzler A, Vesela K, Gianaroli L  
Polar body array CGH for prediction of the status of the corresponding oocyte. Part II: technical aspects. *Hum Reprod* (2011) 26:3181-5
30. Geraedts J, **Montag M**, Magli MC, Repping S, Handyside A, Staessen C, Harper J, Schmutzler A, Collins J, Goossens V, van der Ven H, Vesela K, Gianaroli L  
Polar body array CGH for prediction of the status of the corresponding oocyte. Part I: clinical results. *Hum Reprod* (2011) 26:3173-80
31. **Montag M**, Liebenthron J, Köster M  
Which morphological scoring system is relevant in human embryo development? *Placenta* (2011) 32 Suppl 3:S252-6
32. Lotz L, **Montag M**, van der Ven H, von Wolff M, Mueller A, Hoffmann I, Wachter D, Beckmann MW, Dittrich R  
Xenotransplantation of cryopreserved ovarian tissue from patients with ovarian tumors into SCID mice--no evidence of malignant cell contamination. *Fertil Steril* (2011) 95:2612-4
33. Schwarz C, Köster M, van der Ven K, **Montag M**  
Temperature-induced sperm nuclear vacuolisation is dependent on sperm preparation. *Andrologia* (2012) 44 Suppl 1:126-9
34. **Montag M**, Köster M, van der Ven K, van der Ven H  
Gamete competence assessment by polarizing optics in assisted reproduction. *Hum Reprod Update* (2011) 17:654-66

35. Koester M, Mohammadi-Sangcheshmeh A, **Montag M**, Rings F, Schimming T, Tesfaye D, Schellander K, Hoelker M  
Evaluation of bovine zona pellucida characteristics in polarized light as a prognostic marker for embryonic developmental potential. *Reproduction* (2011) 141:779-87
36. **Montag M**, Blankenstein TJ, Shabani N, Brüning A, Mylonas I  
Evaluation of commercialised in situ hybridisation assays for detecting HPV-DNA in formalin-fixed, paraffin-embedded tissue. *Arch Gynecol Obstet* (2011) 284:999-1005
37. Harton GL, Magli MC, Lundin K, **Montag M**, Lemmen J, Harper JC; European Society for Human Reproduction and Embryology (ESHRE) PGD Consortium/Embryology Special Interest Group.  
ESHRE PGD Consortium/Embryology Special Interest Group--best practice guidelines for polar body and embryo biopsy for preimplantation genetic diagnosis/screening (PGD/PGS). *Hum Reprod* (2011) 26:41-6
38. **Vogt PH, Bender U**  
Human Y chromosome microdeletion analysis by PCR multiplex protocols identifying only clinically relevant AZF microdeletions. *Methods Mol Biol* (2013) 927:187-2042
39. **Gueler B**, Sonne SB, **Zimmer J**, Hilscher B, Hilscher W, Græm N, Rajpert-De Meyts E, **Vogt PH**  
AZFa protein DDX3Y is differentially expressed in human male germ cells during development and in testicular tumours: new evidence for phenotypic plasticity of germ cells. *Hum Reprod* (2012) 27:1547-55
40. **Jaroszynski L, Zimmer J**, Fietz D, Bergmann M, Kliesch S, **Vogt PH**  
Translational control of the AZFa gene DDX3Y by 5'UTR exon-T extension. *Int J Androl* (2011) 34:313-26
41. **Rauschendorf MA, Zimmer J, Hanstein R**, Dickemann C, **Vogt PH**  
Complex transcriptional control of the AZFa gene DDX3Y in human testis. *Int J Androl* (2011) 34:84-96

### **Fort- und Weiterbildung, Übersichtsarbeiten, Bücher**

1. **Germeyer A, Strowitzki T**  
Nichtinvasive Evaluation des embryonalen Entwicklungspotenzials. *Proteomics and Secretomics. Gynäkologie* (2011) 44:93-99
2. **Toth B, Pflaumer U, Strowitzki T**  
Sichere In vitro Fertilisation. *Gynäkologie* (2011) 44:116-121
3. **Wallwiener LM, Rösner S, Goeckenjan M, Strowitzki T, Toth B**  
Therapieoptionen bei polyzystischem Ovarsyndrom mit und ohne Kinderwunsch. *Gyn Endokrinologie* (2011) 9:97-101

4. **Frank-Herrmann P**, Sottong U, Baur S, Raith-Paula E, **Strowitzki T**, Freundl G  
Natürliche Familienplanung Sensiplan – eine moderne, verlässliche Methode. *Der Gynäkologe* (2011) 44:17-22
5. **Rabe T, Goeckenjan M**, Ahrendt H-J, Crosignani PG, Dinger JC, Muech AO, Lohr PA, Creinin MD, Sabatini R, **Strowitzki T**  
Oral Contraceptive Pills: Combinations, Dosages and the Rationale behind 50 Years of Oral Hormonal Contraceptive Development. *J Reproduktionsmed Endokrinol* (2011) (spezial issue 1) 58-128
6. **Strowitzki T, Rösner S**  
Die In-vitro-Maturation in Deutschland. *Gyn Endokrinol* (2011) 9:229-232
7. **Germeyer A, Strowitzki T**  
Embryonales Entwicklungspotential. *Gyn Endokrinol* (2011) 9:233-237
8. **Montag M, Toth B, Strowitzki T**  
Polkörperdiagnostik in Deutschland – Chromosomen-Aberrationen auf der Spur. *Gynäkologie und Geburtshilfe* (2011) 16 (11-12):42-46
9. **Rabe T**, Reisch N, Bettendorf M, Hinderhofer K, Wildt L, Mattle V, Schüring A, **Strowitzki T**, Albring Ch  
Das Adrenogenitale Syndrom bei der Frau – Gemeinsame Stellungnahme der Deutschen Gesellschaft für Gynäkologische Endokrinologie und Fortpflanzungsmedizin (DGGEF) und des Berufsverbandes der Frauenärzte (BVF). *J Reproduktionsmed Endokrinol* (2012) 9:201-224
10. **Goeckenjan M, Rabe T, Strowitzki T**  
Postkoitale Kontrazeption. *Gyn Endokrinol* (2012) 10:45-56
11. **Frank-Herrmann P, Strowitzki T**  
Gonadendysgenese aus gynäkologischer Sicht. *Der Gynäkologe* (2012) e-pub ahead of print
12. **Rabe T**, Ahrendt HJ, Albring C, Bitzer J, Bouchard P, Egarter C, Harlfinger W, König K, Matzko M, Mueck AO, Roemer T, Schollmeyer T, Sinn HP, **Strowitzki T**, Tinneberg HR, Wallwiener M, DeWilde RL  
Ulipristalacetat bei symptomatischem Uterus myomatosus und bei myombedingter Hypermenorrhoe. Gemeinsame Stellungnahme der DGGEF und des BVF. *Journal für Reproduktionsmedizin und Endokrinologie* (2012) 9(2): 106-126
13. **Rabe T**, Reisch N, Schopohl J, Wildt L, Mueck AO, Bohnet HG, **Strowitzki T**  
Prolaktin und Hyperprolaktinämie, *Journal für Reproduktionsmedizin und Endokrinologie* 2012, in Druck
14. **Budenhofer BK, Ditsch N, Jeschke U, Gärtner R, Toth B**  
Thyroid (dys-)function in normal and disturbed pregnancy. *Arch Gynecol Obstet* (2012) Oct 27. [Epub ahead of print]
15. **Makrigiannakis A, Petsas G, Toth B, Relakis K, Jeschke U**  
Recent advances in understanding immunology of reproductive failure. *J Reprod Immunol*

(2011) 90:96-104

16. Papale L, Fiorentino A, **Montag M**, Tomasi G

The zygote. Hum Reprod (2012) 27 Suppl 1:i22-49

17. Xu K, **Montag M**

New perspectives on embryo biopsy: not how, but when and why? Semin Reprod Med (2012) 30:259-66

18. von Wolff M, **Montag M**, Dittrich R, Denschlag D, Nawroth F, Lawrenz B

Fertility preservation in women--a practical guide to preservation techniques and therapeutic strategies in breast cancer, Hodgkin's lymphoma and borderline ovarian tumours by the fertility preservation network FertiPROTEKT. Arch Gynecol Obstet (2011) 284:427-35