

## Publikationer

### **Ecological succession in the vaginal microbiota during pregnancy and birth**

Rasmussen, M. A., Thorsen, J., Dominguez-Bello, M. G., Blaser, M. J., Mortensen, M. S., Brejnrod, A. D., Shah, S. A., Hjelmsø, M. H., Lehtimäki, J., Trivedi, U., Bisgaard, H., Sørensen, S. J. & Stokholm, J., sep. 2020, I: ISME Journal. 14, 9, s. 2325-2335 11 s.

### **Fetal fraction of cell-free DNA in pregnancies after fresh or frozen embryo transfer following assisted reproductive technologies**

Talbot, A. L., Ambye, L., Hartwig, T. S., Werge, L., Sørensen, S., Stormlund, S., Prætorius, L., Jørgensen, H. L., Pinborg, A. & Jørgensen, F. S., 1 jun. 2020, I: Human reproduction (Oxford, England). 35, 6, s. 1267-1275 9 s.

### **Non-invasive prenatal testing and maternal obesity - A review**

Juul, L. A., Hartwig, T. S., Ambye, L., Sørensen, S. & Jørgensen, F. S., 1 jun. 2020, I: Acta Obstetrica et Gynecologica Scandinavica. 99, 6, s. 744-750 7 s.

### **Glycodelin is internalized by peripheral monocytes**

Hansen, Y. B. L., Myrhøj, V. & Sørensen, S., 1 apr. 2020, I: Journal of Reproductive Immunology. 138, s. 1-6 6 s., 103102.

### **Prediction of Preeclampsia in Nulliparous Women according to First Trimester Maternal Factors and Serum Markers**

Pihl, K., Sørensen, S. & Stener Jørgensen, F., apr. 2020, I: Fetal Diagnosis and Therapy. 47, 4, s. 277-283 7 s.

### **Soluble urokinase plasminogen activator receptor (suPAR) as a biomarker of early pregnancy location and viability compared with hCG, progesterone and estradiol**

Friis Petersen, J., Grynnerup, A.G.-A., Mitchell, N. H., Løssl, K., Sørensen, S., Lindhard, A., Friis-Hansen, L., Pinborg, A., Nyboe Andersen, A. & Løkkegaard, E., apr. 2020, I: Journal of Reproductive Immunology. 138, s. 103103

### **Corrigendum for Hartwig TS, Sørensen S and Jørgensen FS (2016) <https://doi.org/10.1002/pd.4833>**

Hartwig, T. S., Sørensen, S. & Jørgensen, F. S., jan. 2019, I: Prenatal Diagnosis. 39, 1, s. 58 1 s.

### **Concentration of soluble urokinase plasminogen activator receptor (suPAR) in the pre-ovulatory follicular fluid is associated with development of ovarian hyperstimulation syndrome during ovarian stimulation**

Grynnerup, A. G., Toftager, M., Zedeler, A., Bogstad, J. W., Prætorius, L., Grøndahl, M. L., Yding Andersen, C., Sørensen, S., Pinborg, A. & Løssl, K., dec. 2018, I: Journal of Assisted Reproduction and Genetics. 35, 12, s. 2187-2193

### **Serum anti-Müllerian hormone concentration before and after salpingectomy for ectopic pregnancy**

Grynnerup, A.G.-A., Lindhard, A., Sørensen, S., Ørskov, M., Petersen, K. R., Madsen, L. B., Pilsgaard, F., Løssl, K. & Pinborg, A., nov. 2018, I: Reproductive BioMedicine Online. 37, 5, s. 624-630

### **Non-Invasive Prenatal Testing (NIPT) in pregnancies with trisomy 21, 18 and 13 performed in a public setting - factors of importance for correct interpretation of results**

Hartwig, T. S., Ambye, L., Werge, L., Weiergang, M. K., Nørgaard, P., Sørensen, S. & Jørgensen, F. S., maj 2018, I: European journal of obstetrics, gynecology, and reproductive biology. 226, s. 35-39 5 s.

### **Maternal serum laeverin (aminopeptidase Q) measured in the first trimester of pregnancy does not predict preeclampsia**

Pihl, K., Sørensen, S., Nystad, M., Acharya, G. & Jørgensen, F. S., 22 apr. 2018, I: The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians.

### **Comparison of two immunoassay systems for hCG $\beta$ and PAPP-A in prenatal screening for trisomy 21, 18, and 13 in the first trimester**

Engell, A. E., Carlsson, E. R., Jørgensen, F. S. & Sørensen, S., dec. 2017, I: Practical Laboratory Medicine. 9, 12, s. 18-23

### **Discordant Non-Invasive Prenatal Testing (NIPT) - a systematic review**

Hartwig, T. S., Ambye, L., Sørensen, S. & Jørgensen, F. S., 1 jun. 2017, I: *Prenatal Diagnosis*. 37, 6, s. 527-539

### **Affinity purification of native glycodelin from amniotic fluid for biological investigations and development of a glycodelin ELISA for clinical studies**

Sørensen, S., Myrhøj, V., Nguyen, T. H., Aaslo, P. & Hansen, Y. B., feb. 2017, I: *Protein Expression and Purification*. 130, s. 73-80 8 s.

### **Investigation on the ability of first trimester glycodelin and angiopoietin-2 to predict small-for-gestational age pregnancies at delivery**

Hansen, Y. B., Myrhøj, V., Jørgensen, F. S. & Sørensen, S., 1 sep. 2016, I: *Clinical Chemistry and Laboratory Medicine*. 54, 9, s. 1481-6 6 s.

### **Abstracts of the 26th World Congress on Ultrasound in Obstetrics and Gynecology, Rome, Italy, 24-28 September 2016**

Hartwig, T. S., Sørensen, S. & Jørgensen, F. S., sep. 2016, I: *Ultrasound in obstetrics & gynecology : the official journal of the International Society of Ultrasound in Obstetrics and Gynecology*. 48 Suppl 1, s. 132

### **The maternal age-related first trimester risks for trisomy 21, 18 and 13 based on Danish first trimester data from 2005 to 2014**

Hartwig, T. S., Sørensen, S. & Jørgensen, F. S., jun. 2016, I: *Prenatal Diagnosis*. 36, 7, s. 643-649

### **First trimester PAPP-A2, PAPP-A and hCG $\beta$ in small-for-gestational-age pregnancies**

Hansen, Y. B., Myrhøj, V., Jørgensen, F. S., Oxvig, C. & Sørensen, S., jan. 2016, I: *Clinical Chemistry and Laboratory Medicine*. 54, 1, s. 117-23 7 s.

### **First trimester D-vitamin in nulliparous women with early and late pre-eclampsia**

Hellström, S., Karahasanovic, A., Nilas, L. & Sørensen, S., 2016, I: *Scandinavian Journal of Clinical & Laboratory Investigation*. 76, 6, s. 508-10 3 s.

### **Noninvasiv prænatal test er et gennembrud inden for prænatal screening**

Hornstrup, L. S., Ambye, L., Sørensen, S. & Jørgensen, F. S., 6 jul. 2015, I: *Ugeskrift for Læger*. 177, 28, s. 2-6

### **Mining of hospital laboratory information systems: a model study defining age- and gender-specific reference intervals and trajectories for plasma creatinine in a pediatric population**

Søeby, K., Jensen, P. B., Werge, T. & Sørensen, S., 10 feb. 2015, I: *Clinical Chemistry and Laboratory Medicine*.

### **A randomized pilot study on single-port versus conventional laparoscopic rectal surgery: effects on postoperative pain and the stress response to surgery**

Bulut, O., Aslak, K. K., Levic, K., Nielsen, C. B., Rømer, E., Sørensen, S., Christensen, I. J. & Nielsen, H. J., jan. 2015, I: *Techniques in Coloproctology*. 19, 1, s. 11-22 12 s.

### **Risikofri screening af gravide for Downs syndrom og andre hyppige kromosomfejl**

Hornstrup, L. S., Ambye, L., Sørensen, S. & Jørgensen, F. S., 2015, I: *Månedsskrift for Almen Praksis*. 93, s. 232-38

### **Recent progress in the utility of anti-Müllerian hormone in female infertility**

Grynnerup, A.G.-A., Lindhard, A. & Sørensen, S., jun. 2014, I: *Current Opinion in Obstetrics & Gynecology*. 26, 3, s. 162-7 6 s.

### **Are there characteristics of the false-negative cases from the first trimester combined screening programme for Down syndrome?**

Hartwig, T. S., Sørensen, S. & Jørgensen, F. S., apr. 2014, I: *Current Opinion in Obstetrics & Gynecology*. 26, 2, s. 110-6 7 s.

### **First trimester pregnancy-associated plasma protein A and human chorionic gonadotropin-beta in early and late pre-eclampsia**

Karahasanovic, A., Sørensen, S. & Nilas, L., apr. 2014, I: Clinical Chemistry and Laboratory Medicine. 52(4), s. 1-5 5 s.

**Anti-Müllerian hormone levels in salpingectomized compared with nonsalpingectomized women with tubal factor infertility and women with unexplained infertility**

Grynnerup, A.G.-A. H., Lindhard, A. & Sørensen, S., nov. 2013, I: Acta Obstetrica et Gynecologica Scandinavica. 92, 11, s. 1297-303 7 s.

**Autocorrelation and cross-correlation between hCG $\beta$  and PAPP-A in repeated sampling during first trimester of pregnancy**

Nørgaard, P., Wright, D., Ball, S., Newell, P., Kirkegaard, I. S., Petersen, O. B., Uldbjerg, N., Tørring, N., Jørgensen, F. S., Friis-Hansen, L., Ekelund, C., Tabor, A. & Sørensen, S., sep. 2013, I: Clinical Chemistry and Laboratory Medicine. 51, 9, s. 1781-8 8 s.

**Prenatal characteristics of false negative cases from first-trimester screening of Down syndrome (trisomy 21)**

Simonsen, T. S., Sørensen, S., Ekelund, C., Jørgensen, F. S., Danish Fetal Medicine Research Group, Tabor, A. (Medlem af forfattergruppering), Zingenberg, H. J. (Medlem af forfattergruppering) & Petersen, O. B. (Medlem af forfattergruppering), apr. 2013, I: Prenatal Diagnosis. 33, 4, s. 400-2 3 s.

**The role of anti-Müllerian hormone in female fertility and infertility-an overview**

Grynnerup, A., Lindhard, A. & Sørensen, S., nov. 2012, I: Acta Obstetrica et Gynecologica Scandinavica. 91, 11, s. 1252-1260 9 s.

**Prospective study evaluating performance of first-trimester combined screening for trisomy 21 using repeat sampling of maternal serum markers PAPP-A and free  $\beta$ -hCG**

Ekelund, C., Wright, D., Ball, S., Kirkegaard, I., Nørgaard, P., Sørensen, S., Friis-Hansen, L., Jørgensen, F. S., Tørring, N., Bech, B. H., Petersen, O. B. & Tabor, A., 2012, I: Ultrasound in Obstetrics & Gynecology. 40, 3, s. 276-81 6 s.

**Biological variation of free  $\beta$  chorionic gonadotropin and pregnancy-associated plasma protein A in first trimester pregnancies**

Sennels, H. P., Jørgensen, F. S. & Sørensen, S., 2011, I: Clinical Chemistry and Laboratory Medicine. 49, 2, s. 291-5 4 s.

**First-trimester risk calculation for trisomy 13, 18, and 21: comparison of the screening efficiency between 2 locally developed programs and commercial software**

Sørensen, S., Momsen, G., Sundberg, K., Friis-Hansen, L. & Jørgensen, F. S., 2011, I: Clinical Chemistry (Washington, DC). 57, 7, s. 1023-31 9 s.

**Glycodelin in endometrial flushing fluid and endometrial biopsies from infertile and fertile women**

Bentin-Ley, U., Lindhard, A., Skovlund, V. R., Islin, H. & Sørensen, S., 2011, I: European Journal of Obstetrics & Gynecology and Reproductive Biology. 156, 1, s. 60-6 7 s.

**Gene expression profiling of placentas affected by pre-eclampsia**

Hoegh, A. M., Borup, R., Nielsen, F. C., Sørensen, S. & Hviid, T., 2010, I: Journal of Biomedicine and Biotechnology. 2010, s. 787545

**Differences in gene expression of granulosa cells from women undergoing controlled ovarian hyperstimulation with either recombinant follicle-stimulating hormone or highly purified human menopausal gonadotropin**

Grøndahl, M. L., Borup, R., Hansen, Y. B., Myrhøj, V., Meinertz, H. & Sørensen, S., 2009, I: Fertility and Sterility. 91, 5, s. 1820-30 10 s.

**Circulating levels of osteopontin, osteoprotegerin, total soluble receptor activator of nuclear factor-kappa B ligand, and high-sensitivity C-reactive protein in patients with active rheumatoid arthritis randomized to etanercept alone or in combination with methotrexate**

Sennels, H., Sørensen, S., Ostergaard, M., Knudsen, L., Hansen, M., Skjødt, H., Peters, N., Colic, A., Grau, K. & Jacobsen, S., 2008, I: Scandinavian Journal of Rheumatology. 37, 4, s. 241-7 6 s.

**Biological variation and reference intervals for circulating osteopontin, osteoprotegerin, total soluble receptor activator of nuclear factor kappa B ligand and high-sensitivity C-reactive protein**

Sennels, H. P., Jacobsen, S., Jensen, T., Hansen, M. S., Ostergaard, M., Nielsen, H. J. & Sørensen, S., 2007, I: Scandinavian Journal of Clinical & Laboratory Investigation. 67, 8, s. 821-835 15 s.

**Effect of syncytiotrophoblast microvillous membrane treatment on gene expression in human umbilical vein endothelial cells**

Høgh, M., Tannetta, D., Sargent, I., Borup, R., Nielsen, F., Redman, C., Sørensen, S. & Hviid, T., 2006, I: BJOG. 113, s. 1270-9

**Identification of differences in gene expression in primary cell cultures of human endometrial epithelial cells and trophoblast cells following their interaction**

Høgh, M., Islin, H., Møller, C., Sørensen, S. & Hviid, T. V., 2006, I: Journal of Reproductive Immunology. 70, 1-2, s. 1-19

**Tissue inhibitor of metalloproteinases-1 in the postoperative monitoring of colorectal cancer**

Holtén-Andersen, M. N., Nielsen, H. J., Sørensen, S., Jensen, V., Brünner, N. & Christensen, I. J., 2006, I: European Journal of Cancer. 42, 12, s. 1889-96 8 s.

**Ultrasound characteristics and histological dating of the endometrium in a natural cycle in infertile women compared with fertile controls**

Lindhard, A., Ravn, V., Bentin-Ley, U., Horn, T., Bangsboell, S., Rex, S., Toft, B. & Sørensen, S., 2006, I: Fertility and Sterility. 86, s. 1344-55

**The antiprogestrone Org 31710 inhibits human blastocyst-endometrial interactions in vitro**

Petersen, A., Bentin-Ley, U., Ravn, V., Qvortrup, K., Sørensen, S. & Islin, H., 2005, I: Fertility and Sterility. 83, suppl 1, s. 1255-63

**Serum cathepsin H as a potential prognostic marker in patients with colorectal cancer. Int J Biol Markers 2004;19:289-94**

Schweiger, A., Christensen, I. J., Nielsen, H. J., Sørensen, S., Brunner, N. & Kos, J., 2004, I: International Journal of Biological Markers. 19, s. 289-94

**Circulating vascular endothelial growth factor six months after primary surgery as a prognostic marker in patients with colorectal cancer**

Werther, K., Sørensen, S., Christensen, I. J. & Nielsen, H. J., 2003, I: Acta Oncologica. 42, 8, s. 837-845 9 s.

**Preanalytical handling of samples for measurement of plasma lactate in HIV patients**

Andersen, O., Haugaard, S. B., Jørgensen, L. T., Sørensen, S., Nielsen, J. O., Madsbad, S. & Iversen, J., 2003, I: Scandinavian Journal of Clinical & Laboratory Investigation. 63, 6, s. 449-54 5 s.

**Purification and characterization of osteopontin from human milk**

Sørensen, S., Justesen, S. J. & Johnsen, A. H., 2003, I: Protein Expression and Purification. 30, 2, s. 238-245 8 s.

**High serum YKL-40 level after surgery for colorectal carcinoma is related to short survival**

Cintin, C., Johansen, J. S., Christensen, I. J., Price, P. A., Sørensen, S. & Nielsen, H. J., 2002, I: Cancer. 95, 2, s. 267-274 8 s.

**Serum tetranectin is an independent prognostic marker in colorectal cancer and weakly correlated with plasma suPAR, plasma PAI-1 and serum CEA**

Høgdall, C. K., Christensen, I. J., Stephens, R. W., Sørensen, S., Nørgaard-Pedersen, B. & Nielsen, H. J., 2002, I: Acta Pathologica Microbiologica et Immunologica Scandinavica. 110, 9, s. 630-8 8 s.

**Total levels of tissue inhibitor of metalloproteinases 1 in plasma yield high diagnostic sensitivity and specificity in patients with colon cancer**

Holtén-Andersen, M. N., Christensen, I. J., Nielsen, H. J., Stephens, R. W., Jensen, V., Nielsen, O. H., Sørensen, S., Overgaard, J., Lilja, H., Harris, A., Murphy, G. & Brünner, N., 2002, I: Clinical Cancer Research. 8, 1, s. 156-64 8 s.

**Expression of nitric oxide synthases and effects of L-arginine and L-NMMA on nitric oxide production and fluid transport in collagenous colitis**

Perner, A., Andresen, L., Normark, M., Fischer-Hansen, B., Sørensen, S., Eugen-Olsen, J. & Rask-Madsen, J., 2001, I: Gut. 49, 3, s. 387-94 7 s.

**Increased levels of specific leukocyte- and platelet-derived substances during normal anti-tetanus antibody synthesis in patients with inactive Crohn disease**

Nielsen, H. J., Mortensen, T., Holten-Andersen, M., Brünner, N., Sørensen, S. & Rask-Madsen, J., 2001, I: Scandinavian Journal of Gastroenterology. 36, 3, s. 265-269 5 s.

**zeta-, epsilon-, and gamma-Globin mRNA in blood samples and CD71(+) cell fractions from fetuses and from pregnant and nonpregnant women, with special attention to identification of fetal erythroblasts**

Høgh, A. M., Hviid, T. V., Christensen, B., Sørensen, S., Larsen, R. D., Smidt-Jensen, S., Bang, J. & Philip, J., 2001, I: Clinical Chemistry (Washington, DC). 47, 4, s. 645-53 8 s.

**Preoperative plasma plasminogen activator inhibitor type-1 and serum C-reactive protein levels in patients with colorectal cancer. The RANX05 Colorectal Cancer Study Group**

Nielsen, H. J., Christensen, I. J., Sørensen, S., Moesgaard, F. & Brünner, N., 2000, I: Annals of Surgical Oncology. 7, 8, s. 617-623 7 s.

**Serial measurements of serum human placental lactogen (hPL) and serial ultrasound examinations in the evaluation of fetal growth**

Sørensen, S., von Tabouillot, D., Schioler, V., Greisen, G., Petersen, S. & Larsen, T., 2000, I: Early Human Development. 60, 1, s. 25-34 10 s.

**Detection of fetal-specific DNA after enrichment for trophoblasts using the monoclonal antibody LK26 in model systems but failure to demonstrate fetal DNA in maternal peripheral blood.**

Hviid, T. V., Sørensen, S. & Morling, N., 1999, I: Prenatal Diagnosis. 19, 3, s. 271-278 8 s.

**Polymorphism in the regulatory region located more than 1.1 kilobases 5' to the start site of transcription, the promoter region, and exon 1 of the HLA-G gene**

Hviid, T. V., Sørensen, S. & Morling, N., 1999, I: Human Immunology. 60, 12, s. 1237-1244 8 s.

**Serum YKL-40 and colorectal cancer.**

Cintin, C., Johansen, J. S., Christensen, I. J., Price, P. A., Sørensen, S. & Nielsen, H. J., 1999, I: British Journal of Cancer. 79, 9-10, s. 1494-1499 6 s.

**Characterisation of non-maternal serum proteins in amniotic fluid at weeks 16 to 18 of gestation**

Drøhse, H., Christensen, H., Myrhøj, V. & Sørensen, S., 1998, I: Clinica Chimica Acta. 276, 2, s. 109-120 12 s.

**Polymorphism of exon 3 of the HLA-G gene**

Hviid, T. V., Meldgaard, M., Sørensen, S. & Morling, N., 1997, I: Journal of Reproductive Immunology. 35, 1, s. 31-42 12 s.

**Identification of a macromolecular crystal growth inhibitor in human urine as osteopontin**

Sørensen, S., Justesen, S. J. & Johnsen, A. H., 1995, I: Urological Research. 23, 5, s. 327-334 8 s.

**Vasoactive intestinal polypeptide and peptide histidine methionine. Presence in human follicular fluid and effects on DNA synthesis and steroid secretion in cultured human granulosa/lutein cells**

Gräs, S., Ovesen, P., Andersen, A. N., Sørensen, S., Fahrenkrug, J. & Ottesen, B., 1994, I: Human Reproduction. 9, 6, s. 1053-1057 5 s.

**Function of the corpus luteum, the endometrium and the trophoblast after treatment of tubal pregnancy by prostaglandin F2 alpha.**

Vejtorp, M., Sørensen, S., Ruge, S. & Vejerslev, L. O., 1993, I: Human reproduction (Oxford, England). 8, 11, s. 1928-1932 5 s.

**The secretory endometrial protein, placental protein 14, in women with ectopic gestation**

Ruge, S., Sørensen, S., Vejtorp, M. & Vejerslev, L. O., 1992, I: Fertility and Sterility. 57, 1, s. 102-106 5 s.

**Urinary albumin and beta 2-microglobulin excretion rates in patients with systemic lupus erythematosus**

Parving, H. H., Sørensen, S. F., Mogensen, C. E. & Helin, P., 1980, I: Scandinavian Journal of Rheumatology. 9, 1, s. 49-51 3 s.