

Assessment of blood contamination in biological fluids using MALDI-TOF MS

Laks, Katrina; Kirsipuu, Tiina; Dmitrijeva, Tuuli; Salumets, Andres; Palumaa, Peep FEBS journal 2013 / p. 489

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Laks, Katrina; Kirsipuu, Tiina; Dmitrijeva, Tuuli; Salumets, Andres; Palumaa, Peep The protein journal 2016 / 171-176
<https://doi.org/10.1007/s10930-016-9657-y>

Association between chemical mixtures and female fertility in women undergoing assisted reproduction in Sweden and Estonia

Bellavia, Andrea; Zou, Runyu; Bjorvang, Richelle D.; **Roos, Kristine**; Sjunnesson, Yva; Hallberg, Ida; Vermeulen, Roel; Salumets, Andres; **Velthut-Meikas, Agne**; **Damdimpoulou, Pauliina** Environmental research 2023 / art. 114447
<https://doi.org/10.1016/j.envres.2022.114447>

Bovine follicular fluid and extracellular vesicles derived from follicular fluid alter the bovine oviductal epithelial cells transcriptome

Hasan, Mohammed Mehedi; Viil, Janeli; Lättekivi, Freddy; Ord, James; Reshi, Qurat Ul Ain; Jääger, Kersti; **Velthut-Meikas, Agne**; Androwska, Aneta; Jaakma, Ülle; Salumets, Andres; Fazeli, Alireza International journal of molecular sciences 2020 / art. 5365 ; 16 p. : ill <https://doi.org/10.3390/ijms21155365> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Changes in the transcriptome of the human endometrial Ishikawa cancer cell line induced by estrogen, progesterone, tamoxifen, and mifepristone (RU486) as detected by RNA-sequencing

Tamm-Rosenstein, Karin; Simm, Jaak; Suhorutšenko, Marina; Salumets, Andres; **Metsis, Madis** PLoS ONE 2013 / p. 1-13 : ill

Characterization of the vaginal micro- and mycobiome in asymptomatic reproductive-age Estonian women

Drell, Tiina; Lillsaar, Triin; Tummleht, Lea; Simm, Jaak; Aaspõllu, Anu; Väin, Edda; Saarma, Ivo; Salumets, Andres; Donders, Gilbert G. G.; **Metsis, Madis** PLoS ONE 2013 / p. 1-11 : ill

Comprehensive elucidation of amino acid profile in human follicular fluid and plasma of in vitro fertilization patients

Kirsipuu, Tiina; Laks, Katrina; **Velthut-Meikas, Agne**; Levkov, Lev; Salumets, Andres; **Palumaa, Peep** Gynecological endocrinology 2015 / p. 9-17 : ill <http://dx.doi.org/10.3109/09513590.2015.1085186>

A dual colour FISH method for routine validation of sexed Bos taurus semen

Reinsalu, Olavi; **Scheler, Ott**; Mikelsaar, Ruth; Mikelsaar, Aavo-Valdur; Hallap, Triin; Jaakma, Ülle; Padrik, Peeter; Kavak, Ants; Salumets, Andres; Kurg, Ants BMC Veterinary Research 2019 / art. 104 <https://doi.org/10.1186/s12917-019-1839-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Elevated blood plasma antioxidant status is favourable for achieving IVF/ICSI pregnancy

Velthut, Agne; Zilmer, Mihkel; Zilmer, Kersti; Kaart, Tanel; Karro, Helle; **Salumets, Andres** Reproductive BioMedicine online 2013 / p. 345-352

Fetal trisomy 13 and 21 mosaicism diagnosed at aminocentesis : a case report

Velthut, Agne; Peters, Maire; **Roovere, Tiiu**; Kilusk, Gerli; Horelli-Kuitunen, Nina; Šois, Marek; Salumets, Andres Prenatal diagnosis 2009 / 10, p. 995-997 <https://pubmed.ncbi.nlm.nih.gov/19565618/>

Genes regulated by estrogen and progesterone in human endometrium = Östradiooli ja progesterooni reguleeritud geenid inimese endomeetriumis

Rosenstein, Karin 2016 https://www.ester.ee/record=b4567260*est

Genes targeted by the estrogen and progesterone receptors in the human endometrial cell lines HEC1A and RL95-2

Tamm, Karin; Rõõm, Miia; Salumets, Andres; **Metsis, Madis** Reproductive biology and endocrinology 2009 / 12 p. : ill <https://pubmed.ncbi.nlm.nih.gov/20034404/>

Hsa-mir-548 family expression in human reproductive tissues

Rooda, Ilmatar; Kaselt, Birgitta; Liivrand, Maria; Smolander, Olli-Pekka; Salumets, Andres; **Velthut-Meikas, Agne** BMC Genomic Data 2021 / Art. 40 <https://doi.org/10.1186/s12863-021-00997-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Intercellular signalling in the human pre-ovulatory follicle : microRNA expression in granulosa cells and detection in the follicular fluid = Rakkudevaheline kommunikatsioon inimese munasarja preovulatoorses folliikulis : mikroRNA-de ekspressioon granuloosrakkudes ja follikulaarvedelikus

Rooda, Ilmatar 2021 https://www.ester.ee/record=b5470472*est <https://digikogu.taltech.ee/et/Item/d09b2c05-d078-4135-8883-450d9ff3215e> <https://doi.org/10.23658/taltech.56/2021>

MicroRNAs expressed from FSHR and aromatase genes target important ovarian functions [Online resource]

Rooda, Ilmatar; Kaselt, Birgitta; Salumets, Andres; **Velthut-Meikas, Agne** bioRxiv 2019 / 38 p. : ill <https://doi.org/10.1101/597054>

Ovarian follicle as the environment of oocyte maturation : the role of granulosa cells and follicular fluid at pre-ovulatory development = Munasarja folliikul kui munaraku küpsemise keskkond : granuloosrakkude ja follikulaarvedeliku roll ovulatsioonieelses arengus

Velthut-Meikas, Agne 2014

Oviduct as a sensor of embryo quality: deciphering the extracellular vesicle (EV)-mediated embryo-maternal dialogue

Dissanayake, Keerthie; Nömm, Monika; Lättekivi, Freddy; Ord, James; Ressaissi, Yosra; Godakumara, Kasun; Viil, Janeli; Jääger, Kersti; **Velthut-Meikas, Agne**; Salumets, Andres *Journal of molecular medicine* 2021 / p. 685–697 : ill <https://doi.org/10.1007/s00109-021-02042-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The profile of steroid hormones in human fetal and adult ovaries

Vazakidou, Paraskevi; Evangelista, Sara; Li, Tianyi; Lecante, Laetitia L.; **Rosenberg, Kristine**; Koekkoek, Jacco; Salumets, Andres; **Velthut-Meikas, Agne**; Damdimopoulou, Pauliina; Mazaud-Guittot, Severine *Reproductive biology and endocrinology* 2024 / art. 60 <https://doi.org/10.1186/s12958-024-01233-7>

Research resource : small RNA-seq of human granulosa cells reveals miRNAs in FSHR and aromatase genes

Velthut, Agne; **Simm, Jaak**; Tuuri, Timo; Tapanainen, Juha S.; **Metsis, Madis**; Salumets, Andres *Molecular endocrinology* 2013 / p. 1128-1141 : ill

Safeguarding female reproductive health against endocrine disrupting chemicals-The FREIA project

Duursen, Majorie B.M. van; Boberg, Julie; Christiansen, Sofie; Jääger, Kersti; Salumets, Andres; **Velthut-Meikas, Agne** *International journal of molecular sciences* 2020 / art. 3215 <https://doi.org/10.3390/ijms21093215> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Single-cell RNA-seq analysis and cell-cluster deconvolution of the human preovulatory follicular fluid cells provide insights into the pathophysiology of ovarian hyporesponse

Roos, Kristine; **Rooda, Ilmatar**; **Keif, Robyn-Stefany**; **Liivrand, Maria**; **Smolander, Olli-Pekka**; Salumets, Andres; **Velthut-Meikas, Agne** *Frontiers in Endocrinology* 2022 / art. 945347 <https://doi.org/10.3389/fendo.2022.945347> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spermatozoa induce transcriptomic alterations in bovine oviductal epithelial cells prior to initial contact

Reshi, Qurat Ul Ain; Viil, Janeli; Ord, James; Lättekivi, Freddy; Godakumara, Kasun; Hasan, Mohammed Mehedi; Nömm, Monika; Jääger, Kersti; **Velthut-Meikas, Agne**; Jaakma, Ülle; Salumets, Andres; Fazeli, Alireza *Journal of cell communication and signaling* 2020 / p. 439–451 <https://doi.org/10.1007/s12079-020-00575-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Steroidhormoonide sihtmärkgeenid endomeetriumi rakuliinides

Tamm, Karin; **Rõöm, Miia**; Salumets, Andres; **Metsis, Madis** *Eesti Arst* 2008 / 9, lk. 679 https://artiklid.einet.ee/record=b1065771*est

The influence of diferent maternal microbial communities on the development of infant gut and oral microbiota

Drell, Tiina; Štšepetova, Jelena; **Simm, Jaak**; Rull, Kristiina; Aleksejeva, Aira; Antson, Anne; Tillmann, Vallo; Metsis, Madis; Sepp, Epp; Salumets, Andres; Mändar, Reet *Scientific reports* 2017 / art. 9940, p. 1-9 : ill <http://dx.doi.org/10.1038/s41598-017-09278-y>

The potential role of dioxin analogues in prostate cancer and male infertility - preliminary study using LNCaP cell line

Suhorutšenko, Marina; **Tamm-Rosenstein, Karin**; **Simm, Jaak**; Salumets, Andres; **Metsis, Madis** *Human reproduction* 2013 / p. i310-i311

Trophoblast derived extracellular vesicles specifically alter the transcriptome of endometrial cells and may constitute a critical component of embryo-maternal communication

Godakumara, Kasun; Ord, James; Lättekivi, Freddy; Dissanayake, Keerthie; Viil, Janeli; Boggavarapu, Nageswara Rao; Faridani, Omid R.; Jääger, Kersti; **Velthut-Meikas, Agne**; Jaakma, Ülle; Salumets, Andres; Fazeli, Alireza *Reproductive biology and endocrinology* 2021 / art. 115 <https://doi.org/10.1186/s12958-021-00801-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A two-cohort RNA-seq study reveals changes in endometrial and blood mirnome in fertile and infertile women

Rekker, Kadri; Altmäe, Signe; Suhorutshenko, Marina; Peters, Maire; Martinez-Blanch, Juan F.; Codoñer, Francisco M.; Vilella, Felipe; Simón, Carlos; Salumets, Andres; **Velthut-Meikas, Agne** *Genes* 2018 / Article nr. 574 <https://doi.org/10.3390/genes9120574> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Uterine fluid proteins for minimally invasive assessment of endometrial receptivity

Kasvandik, Sergo; Saarma, Merilin; Kaart, Tanel; **Rooda, Ilmatar**; **Velthut-Meikas, Agne**; Ehrenberg, Aivar; Gemzell, Kristina; Lalitkumar, Parameswaran Grace; Salumets, Andres; Peters, Maire *The journal of clinical endocrinology & metabolism* 2020 / p. 219-230 <https://doi.org/10.1210/clinem/dgq019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)