

### **Analysis of soil sample metagenome as an additional tool for forensics**

**Aaspõllu, Anu; Lilje, Liisa; Simm, Jaak; Kägo, Esta;** Sipp Kulli, Sirli; Moora, Mari; Zobel, Martin; **Metsis, Madis** IAFS 2011 - 19th International Association of Forensic Sciences : 12. - 17.09.2011, Madeira, Portugal 2011 / p. 42

### **Bitcoin - odav ja kiire küberraha**

**Simm, Jaak** Arvutimaailm 2011 / 9, lk. 50-51 : ill

### **Can microbes on skin help linking persons and crimes?**

**Aaspõllu, Anu; Lillsaar, Triin; Tummeleht, Lea; Simm, Jaak; Metsis, Madis** Forensic science international : genetics supplement series 2011 / 1, p. e269-e270 : ill <http://dx.doi.org/doi:10.1016/j.fsigss.2011.08.131>

### **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 <https://doi.org/10.1371/journal.pone.0068907> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

**Drell, Tiina; Lillsaar, Triin; Tummeleht, Lea; Simm, Jaak; Aaspõllu, Anu;** Väin, Edda; Saarma, Ivo; Salumets, Andres; Donders, Gilbert G. G.; **Metsis, Madis** PLoS ONE 2013 / p. 1-11 : ill <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0054379> <https://doi.org/10.1371/journal.pone.0054379> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Computationally efficient multi-task learning with least-squares probabilistic classifiers**

**Simm, Jaak; Sugiyama, Masashi; Kato, Tsuyoshi** IPSJ transactions on computer vision and applications 2011 / Feb., [8] p. : ill [https://www.researchgate.net/publication/215704981\\_Computationally\\_Efficient\\_Multi-task\\_Learning\\_with\\_Least-Squares\\_Probabilistic\\_Classifiers](https://www.researchgate.net/publication/215704981_Computationally_Efficient_Multi-task_Learning_with_Least-Squares_Probabilistic_Classifiers)

### **Differences in gut microbiota between atopic and healthy children**

**Drell, Tiina;** Larionova, Anneli; Voor, Tiia; **Simm, Jaak;** Julge, Kaja; Heilman, Kaire; Tillmann, Vallo; Štšepetova, Jelena; Sepp, Epp Current Microbiology 2015 / p. 177-183 <https://doi.org/10.1007/s00284-015-0815-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Diversity and stability of lactic acid bacteria in rye sourdoughs of four bakeries with different propagation parameters**

**Viiard, Ene; Bessmeltseva, Marianna; Simm, Jaak;** Talve, Tiina; **Aaspõllu, Anu; Paalme, Toomas; Sarand, Inga** PLoS ONE 2016 / art. e0148325 <https://doi.org/10.1371/journal.pone.0148325> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Endometrial transcriptome analysis indicates superiority of natural over artificial cycles in recurrent implantation failure patients undergoing frozen embryo transfer**

**Altmäe, Signe; Tamm-Rosenstein, Karin;** Esteban, Francisco J.; **Simm, Jaak;** Kolberg, Liis; Peterson, Hedi; Metsis, Madis Reproductive BioMedicine Online 2016 / p. 597 - 613 <https://doi.org/10.1016/j.rbmo.2016.03.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Evolution of bacterial consortia in spontaneously started rye sourdoughs during two months of daily propagation**

**Bessmeltseva, Marianna; Viiard, Ene; Simm, Jaak; Paalme, Toomas; Sarand, Inga** PLoS ONE 2014 / p. 1-12 : ill <https://doi.org/10.1371/journal.pone.0095449> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](https://www.ester.ee/record=b4567260*est)

### **High-throughput sequencing approach uncovers the miRNome of peritoneal endometriotic lesions and adjacent healthy tissues**

Saare, Merli; Rekker, Kadri; Laisk-Podar, Triin; Sõritsa, Deniss; Roost, Anne Mari; **Simm, Jaak; Velthut-Meikas, Agne;** Samuel, Külli; Metsalu, Tauno; Karro, Helle PLoS ONE 2014 / art. e112630, 9 p. : ill <https://doi.org/10.1371/journal.pone.0112630> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Improving the accuracy of least-squares probabilistic classifiers**

Yamada, Makoto; Sugiyama, Masashi; Wichern, Gordon; **Simm, Jaak** IEICE technical reports 2010 / p. 45-50 <http://www.ms.k.u-tokyo.ac.jp/sugi/2011/LSPCnew.pdf>

### **Multi-task learning with least-squares probabilistic classifiers**

**Simm, Jaak;** Sugiyama, Masashi; Kato, Tsuyoshi IEICE technical reports 2010 / p. 51-56 [https://www.ieice.org/publications/ken/summary.php?contribution\\_id=KJ00006872689&society\\_cd=ISS&ken\\_id=PRMU&year=2010&presen\\_date=2010/8/29&schedule\\_id=AN10541106\\_110\(187\){=en&expandable=3](https://www.ieice.org/publications/ken/summary.php?contribution_id=KJ00006872689&society_cd=ISS&ken_id=PRMU&year=2010&presen_date=2010/8/29&schedule_id=AN10541106_110(187){=en&expandable=3)

**Near-bottom hypoxia impacts dynamics of bacterioplankton assemblage throughout water column of the Gulf of Finland (Baltic Sea)**

**Laas, Peeter; Šatova, Elina; Lips, Inga; Lips, Urmas; Simm, Jaak; Kisand, Veljo; Metsis, Madis** PLoS ONE 2016 / art. e0156147, p. 1-19 : ill <https://doi.org/10.1371/journal.pone.0156147> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Redox-specialized bacterioplankton metacommunity in a temperate estuary**

**Laas, Peeter; Simm, Jaak; Lips, Inga; Lips, Urmas; Kisand, Veljo; Metsis, Madis** PLoS ONE 2015 / art. e0122304 <https://doi.org/10.1371/journal.pone.0122304> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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 <https://doi.org/10.1210/me.2013-1058> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Soil sample metagenome NGS data management for forensic investigation**

**Lilje, Liisa; Lillsaar, Triin; Rätsep, Ranno; Simm, Jaak; Aaspõllu, Anu** Forensic science international : genetics supplement series 2013 / p. e35-e36 : ill <https://doi.org/10.1016/j.fsigss.2013.10.017> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Spatial variability of winter bacterioplankton community composition in the Gulf of Finland (the Baltic Sea)**

**Laas, Peeter; Simm, Jaak; Lips, Inga; Metsis, Madis** Journal of marine systems 2014 / p. 127-134 : ill <https://doi.org/10.1016/j.jmarsys.2013.07.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The complex microbiome from native semen to embryo culture environment in human in vitro fertilization procedure**

**Štšepetova, Jelena; Baranova, Juliana; Simm, Jaak; Parm, Ülle** Reproductive biology and endocrinology 2020 / art. 3, 13 p. : ill <https://doi.org/10.1186/s12958-019-0562-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The development of gut microbiota in critically ill extremely low birth weight infants assessed with 16S rRNA gene based sequencing**

**Drell, Tiina; Lutsar, Irja; Štšepetova, Jelena; Parm, Ülle; Metsvaht, Tuuli; Ilmoja, Mari-Liis; Simm, Jaak; Sepp, Epp** Gut Microbes 2014 / p. 304-503 : ill <https://doi.org/10.4161/gmic.28849> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The influence of different 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 <https://doi.org/10.1038/s41598-017-09278-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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

**The tissue specific role of estrogen and progesterone in human endometrium and mammary gland**

**Tamm, Karin; Suhorutšenko, Marina; Rõõm, Miia; Simm, Jaak; Metsis, Madis** Steroids : basic science 2012 / p. 35-64 : ill <https://eestiart.ee/en/the-tissue-specific-role-of-oestrogen-and-progesterone-in-human-endometrium-and-mammary-gland/>

**Tree-based ensemble multi-task learning method for classification and regression**

**Simm, Jaak; Magrans De Abril, Ildelfons; Sugiyama, Masashi** IEICE transactions on information and systems 2014 / p. 1677-1681 <https://doi.org/10.1587/transinf.E97.D.1677> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Tree-based ensemble multi-task learning method for classification and regression**

**Simm, Jaak; de Abril, Ildelfons** Magrans; Sugiyama, Masashi New directions in transfer and multi-task : learning across domains and tasks 2013 / [5] p. : ill

**TTÜ teadusarvutuste klaster**

Simm, Jaak Studiosus 2013 / lk. 23 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Vaginal microbiota of asymptomatic reproductive-age women in Estonia**

**Drell, Tiina; Lillsaar, Triin; Tummeleht, Lea; Simm, Jaak; Väin, E.; Saarma, I.; Metsis, Madis** Keystone Symposia on Molecular and Cellular Biology, Colorado, USA, March 25-30 2011 2011

**Veelkord TTÜ teadusarvutuste klaster**

Simm, Jaak Studiosus 2013 / lk. 24 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)