

IMCB and IG Annual Conference 2019

POSTER PRESENTATIONS

Tuesday December 4th 2018 (3.05 – 5.00 pm)

1. Mathilde André, François-Xavier Ricaut, Nicolas Brucato, Mayukh Mondal
“New Guinea, a hotspot for Human evolution: settlement history and adaptation in northern Sahul”
2. Evgeniy Brik, Martin Montanari, Osamu Shimmi
“Image and functional analysis of TNTs in *Drosophila* pupal wing”
3. Natalja Garber, Vlad Piljukov, Juhan Sedman
“The role of mitochondrial helicase Irc3 on D- and R-loop unwinding”
4. Heili Ilves, Mari Tagel, Maia Kivisaar
“Identification of novel factors involved in mutational processes of *Pseudomonas putida*”
5. Imbi Jaks, Kristina Mäemets-Allas, Jaanus Harro, Viljar Jaks
“Behavioral, molecular, and genetic relationships between psychic traits and skin diseases”
6. Karl Jürgenstein, Mari Tagel, Heili Ilves, Jaanus Remme, Maia Kivisaar
“Translational fidelity in the absence of Ψ 32 and Ψ 38-40 in the anticodon stem-loop of tRNAs”
7. Anette Kalnapenkis, Reedik Mägi, Mart Kals, Andres Metspalu, Urmo Võsa, Tõnu Esko
“Genetic determinants of plasma protein levels in Estonian population”
8. Kertu Liis Krigul, Tõnis Org, Elin Org
“Characterization of microbiome study participants in EGCUT cohort”
9. Maarja Lepamets, Kaido Lepik, Tuuli Jürgenson, Zoltán Kutalik, Reedik Mägi
“New quality measure increases statistical power in CNV association analyses: a simulation study”

10. Ermo Leuska, Tiina Tamm, Margus Leppik
“The biological role of pseudouridines in eukaryotic mRNA”
11. Silva Lilleorg, Pavel Volõnkin, Aivar Liiv, Jaanus Remme
“On the importance of bacterial ribosome heterogeneity”
12. Kreete Lüll, Signe Altmäe, Riikka Arffman, Andres Salumets, Elin Org
“Role of gut microbiota in polycystic ovary syndrome”
13. Linda Ongaro, Rodrigo Flores, Davide Marnetto, Marta Alarcon-Riquelme, Andrés Moreno-Estrada, Nedio Mabunda, Kristiina Tambets, Toomas Kivisild, Mait Metspalu, Luca Pagani, Francesco Montinaro
“Post-admixture selection in American populations”
14. Fanny-Dhelia Pajuste, Maido Remm
“Estimating gene copy number from human genome sequencing data using gene-specific *k*-mers”
15. Marili Palover, Liis Leitsalu, Timo Tõnis Sikka, Anu Reigo, Tiit Nikopensius, Kalle Pärn, Peeter Padrik, Andres Metspalu, Tõnu Esko, Neeme Tõnisson
“Genotype first approach for detecting at risk individuals for familial breast and ovarian cancer”
16. Angela Peeb, Truu Jaak, Oopkaup Kristjan, Truu Marika, Dang Nga Phuong
“Impact of oil pollution on Arctic sea-ice microbial community”
17. Vlad Piljukov, Natalja Garber, Juhan Sedman
“*Ogataea polymorpha* homolog of Irc3 is a thermostable eukaryotic helicase”
18. Kaspar Ratnik, Kristiina Rull, Ele Hanson, Kalle Kisand, Maris Laan
“Single-tube Multimarker 6PLEX Assay for Estimating the risk to develop preeclampsia”
19. Sirli Rosendahl, Hedvig Tamman, Age Bauer, Maido Remm, Rita Hõrak
“*Pseudomonas putida* chromosomal toxin-antitoxin systems carry neither clear fitness benefits nor big costs”
20. Lehti Saag, Sergey V. Vasilyev, Liivi Varul, Natalia V. Kosorukova, Dmitri V. Gerasimov, Kristiina Tambets, Christiana Lyn Scheib, Aivar Kriiska, Mait Metspalu
“Ancient genomes from Fatyanovo culture, a Corded Ware subgroup in Western Russia”

21. Stefania Sasso, Kadri Irdt, Lehti Saag, Maarten Larmuseau, Alena Kushniarevich, Christiana L. Scheib, Toomas Kivisild, Kristiina Tambets
“Population structure in Medieval Estonia through ancient DNA perspective”
22. Tina Saupe, Francesco Montinaro, Cinzia Scaggion, Nicola Carrara, Toomas Kivisild, Ophelie Lebrasseur, Greger Larson, Luca Alessandri, Flavio De Angelis, Mario Federico Rolfo, Robin Skeates, Letizia Silvestri, Jessica Beckett, Mait Metspalu, Sahra Talamo, Monica Miari, Stefano Benazzi, Cristian Capelli, Luca Pagani, Christiana L. Scheib
“New insights into the genetic history of the Chalcolithic/Bronze Age transition in Italy”
23. Timo Tõnis Sikka, Maris Alver, Tiit Nikopensius, Marili Palover, Mart Kals, Priit Palta, Kalle Pärn, Neeme Tõnisson, Reedik Mägi, Tõnu Esko
“Identifying rare genetic variant carriers in DNA microarray data using a population-specific reference panel”
24. Artjom Stepanjuk, Andres Salumets, Sulev Ingerpuu
“Proteolytic modification of the Integrins in Microvesicles secreted from the human cancer cell lines”
25. Nele Taba, Krista Fischer, Tõnu Esko, Andres Metspalu, Nicola Pirastu
“Causal relationships between dietary items and blood metabolites using Mendelian randomization – effects of alcohol, coffee and vegetarianism on health”
26. Vi Ngan Tran, Osamu Shimmi
“Development of new tools for live imaging of BMP signaling in the Drosophila wing”
27. Triinu Visnapuu, Karin Ernits, Tiina Alamäe
“Immobilized Endo-Levanase of *Bacteroides thetaiotaomicron* is an efficient and stable catalyst for fructooligosaccharide production”