

## **Aastakonverents 2015 / Annual Conference 2015**

### **AJAKAVA / PROGRAM**

**Esmaspäev, 14. detsember / Monday December 14**

9.00-9.15 **Konverentsi avamine / Opening of the conference – prof. Toivo Maimets**

**Hommikune sessioon / Morning session**

9.15-10.15

**Tõnis Org** „Scl directs hematopoietic and cardiac fate divergence in mesoderm through primed enhancers“

**Kadri Õunap** „The stability of ribosome biogenesis factor WBSCR22 is regulated by interaction with the TRMT112 protein“

**Tatjana Iljasenko** „Investigation of Type 2 Diabetes Genetic Risk distribution across different populations“

10.15-11.15 **Stendiettekannete sessioon / Poster session**

Kohvipaus / Coffee break

11.15-12.25

**Tanel Ilmjärv** „Mutagenic processes in environmental strains of pseudomonads“

**Katrin Viigand** „Genomic MAL locus of a methylotrophic yeast Hansenula (Ogataea) polymorpha: describing maltase protein and searching the role for MAL-activator genes

**Jaan-Olle Andressoo** „Using novel approaches to study gene function and treat neurodegenerative disease“

12.25-14.00 Lõunapaus / Lunch break

**Pärastlõunane sessioon / Afternoon session**

14.00-15.10

**Annika Teppo** „Fis regulates the colonization ability of Pseudomonas putida on barley roots depending on the level of oxidative stress“

**Hedvig Tamman** „Stability of the GraA antitoxin depends on the growth phase, ATP level and global regulator MexT“

**Jaanus Harro** „The Case of Neuropeptide S in Neuropsychopharmacology: On Which Side of Anxiety?“

15.10-15.40 Kohvipaus / Coffee break

15.40-16.40

**Silva Kasela** „Tree-Based Methods in Prediction of Incident Prostate Cancer Cases Based on DNA Methylation Patterns“

**Lehti Saag** „The prehistory of Estonia from a genetic perspective: new insights from aDNA“

**Ajai Kumar Pathak** „Genetic Perspective of Contemporary Human Populations in the Indus Valley Civilization“

**Teisipäev, 15. detsember / Tuesday December 15**

**Hommikune sessioon / Morning session**

9.00-10.30

**Henel Sein** „RNA polymerase II subunit Rpb9 and histone H3 acetylation required for normal cell division and DNA damage response in *S. Cerevisiae*“

**Mariliis Klaas** „Orchestrated systemic changes in the extracellular matrix guide the regeneration of damaged liver“

**Mariann Koel** „The antagonistic effect of FGF2 and TGF- $\beta$ /Activin/Nodal signalling inhibition in BMP4-mediated differentiation of hES cells toward trophoblast-like cells“

**Jaak Kikas** "What's matter?"

10.30-11.30 **Stendiettekannete sessioon / Poster session**

Kohvipaus / Coffee break

11.30-12.40

**Carmen Juks** „The role of endocytosis in the uptake and intracellular trafficking of PepFect14-nucleic acid nanocomplexes via class A scavenger receptors“

**Katrin Ruisu** „The role of RIC8A in the organisation of actin cytoskeleton and cell-matrix adhesion“

**Hendrik Luuk** „Oxygen - can't live with or without you“

12.40-14.00 Lõunapaus / Lunch break

**Pärastlõunane sessioon / Afternoon session**

14.00-15.00

**Priit Jõers** „mtDNA – more than just coding for genes“

**Mihhail Kurashin** „Slow off-rates and strong product binding are required for processivity and efficient degradation of recalcitrant chitin by family 18 chitinases“

**Ivan Kisly** „The functional role of eL19 and eB12 intersubunit bridge in the eukaryotic ribosome“

15.00 prof. Arnold Kristjuhan: Lõppsõna / Closing remarks