

TURKEY-SINGAPORE JOINT WORKSHOP ON MOLECULAR BIOLOGY (25-26 MAY 2015)



May 25, Monday

08:30-08:40	Registration
08:45-09:00	Opening Speeches
	SESSION 1 - Moderator: Işık Yuluğ
09:00-09:30	Izzet Akiva, Necla Birgül-İyison, Bogazici University, MBG <i>Characterization of Novel Wnt/β-catenin Pathway Targets</i>
09:30-10:00	Gurbet Karahan, Işık Yuluğ, Bilkent University, MBG <i>Relative expression of rRNA transcripts and 45S rDNA promoter methylation status are dysregulated in breast cancer</i>
10:00-10:30	Sinem Tuncer, Sreeparna Banerjee, Middle East Technical University, Biological Sciences <i>15-Lipoxygenase-1 expression inhibits angiogenesis in colorectal cancer cell lines</i>
10:30-10:45	Coffee Break
	SESSION 2 - Moderator: Nurhan Özlü
10:45-11:15	Faranak Sherbaf, Genome Institute of Singapore, A*STAR <i>A systematic integrative analysis and functional genomics of melanoma maintenance</i>
11:15-11:45	Burcin Duan-Sahbaz, Necla İyison, Bogaziçi University, MBG <i>Identification, Docking Analysis and Verification of Binding Pocket of Allatostatin Receptor (AlstR) in Carausius morosus</i>
11:45-12:15	Ernesto GUCCIONE and Ruth McDowall, Institute of Molecular and Cell Biology, A*STAR <i>The sweet tooth of cancer cells</i>
12:15-12:45	Nurhan Ozlu, Koç University, MBG <i>Quantitative Proteomics Analysis of Cell Division in Mammalian Cells</i> Özge Karayel, Koç University, MBG <i>Proteomic analysis of Epithelial-Mesenchymal Transition</i>
12:45-14:00	Lunch Break
	SESSION 3 - Moderator: Ebru Erbay
14:00-14:30	Fatma Gözde, David Bickford, National University of Singapore, Faculty of Science <i>Different Conservation Approaches under the Same Shell: Saving the Critically Endangered Burmese Roofed Turtle (<i>Batagur trivittata</i>)</i>
14:30-15:00	Deniz Conkar, Elif Nur Firat, Karalar, Koç University, MBG <i>Dissecting The Molecular Links Between The Centrosome And Human Disease</i>
15:00-15:30	Nesibe Ozsu, Antonia Monteiro, National University of Singapore, Faculty of Science <i>How many genes were recruited to build a novel complex trait? Transcriptomics of butterfly eyespots</i>
15:30-16:00	Umut İnci Onat, Ebru Erbay, Bilkent University, MBG <i>Characterization of PERK-directed endoplasmic reticulum stress response to lipids</i>
16:00-16:30	Coffee Break
16:30-17:00	SESSION 4 - Moderator: Özgür Sahin
	Huma Shehwana, Ozlen Konu, Bilkent University, MBG <i>Conserved microRNA expression patterns between zebrafish and mammals</i>
17:00-17:30	H. Begüm Akman, Elif Erson Bensen, Middle East Technical Univ., Biological Sciences <i>Proliferation Associated 3'-UTR Shortening Events in Triple Negative Breast Cancer</i>
17:30-18:00	Umar Raza, Özgür Sahin, Bilkent University, MBG <i>A novel tumor suppressor miRNA co-regulating EMT and p53-independent cell survival in breast cancer</i>
18:00-18:30	Ufuk Degirmenci, National University of Singapore, Faculty of Science <i>Role of long non coding RNA in thermogenic activation of adipose tissue</i>
19:00	Dinner (Rektörlük Konutu, old Uptown Bistro in campus)

May 26, Tuesday

SESSION 5 - Moderator: Çağlar Çekiç

09:00-09:30 Paul CHOI and Varnica Khetrpal, Genome Institute of Singapore, A*STAR

Development and application of a negative selection system for studying the genetic basis of virulence in isolates of Enterobacteriaceae

09:30-10:00 Fulya Ustunkan, National University of Singapore, School of Medicine

Understanding The Molecular Basis Of Growth Arrest And Regenerative Approaches To Restore Growth In Growth Plate Injuries

10:00-10:30 Radhika Patnala, Thameem Dheen, National Univ. of Singapore, School of Medicine

Epigenetic mechanisms regulating the immune response of microglia in brain pathology

10:30-10:45 Coffee Break

SESSION 6 - Moderator: Serkan Göktuna

10:45-11:15 Füsün Doldur Ballı, Michelle Adams, Tayfun Özçelik, Bilkent University, MBG

*Characterization of a novel zebrafish (*Danio rerio*) gene, *wdr81*, associated with cerebellar ataxia, mental retardation and dysequilibrium syndrome (CAMRQ)*

11:15-11:45 Lin Lin and YU Qiang, Genome Institute of Singapore, A*STAR

iPSC-based modeling of Parkinson's disease to identify early molecular features of neurodegeneration

11:45-12:15 Tayfun Tumkaya, Institute of Molecular and Cell Biology (IMCB), A*STAR

*Context generalization in *Drosophila* olfactory learning and memory.*

12:15-12:45 Gulsah Merve Kilinc, Mehmet Somel, Middle East Technical Univ., Biological Sciences

Genomic investigation of the Neolithic Revolution in Near East

12:45-14:00 Lunch Break

14:00-15:30 Tour of Bilkent Facilities for delegates

May 26, Tuesday

SESSION 7 - Moderator: Ali Güre

15:30-16:00 Chew Sok Hwee Esther, National University of Singapore, School of Biological Sciences

Simultaneous enrichment of plasma soluble and extracellular vesicular glycoproteins using prolonged ultracentrifugation-ERLIC approach

16:00-16:30 Banu Bayyurt, İhsan Gürsel, Bilkent University, MBG

Liposomes coencapsulating nucleic acid TLR-ligands and cancer antigen confer long lasting anti-tumor immunity

Gizem Tincer, İhsan Gürsel, Bilkent University, MBG

Polysaccharide Nanocomplexes harboring Split Vaccine and TLR ligands are potent vaccine carriers against influenza

16:30-17:00 Pravesh Gupta, National University of Singapore, School of Biological Sciences

Tissue resident macrophages prevent malaria-induced immunopathology

17:00- 18:00 Closing Remarks and Group Discussions