Day 1  May 21, 2018

08:30-09:00 Registrations

Hall Name: Orly

09:00-09:30 Opening Ceremony

Keynote Forum

09:30-09:40  Introduction

09:40-10:20  Title: Single point mutation of a gene creates mirror-image animals in fresh water gastropod
Reiko Kuroda, Tokyo University of Science, Japan

10:20-11:00  Title: Evolutionary genomics to improve functional prediction of parasite genes and proteins
Laila Alves Nahum, René Rachou Research Center, Brazil

Group Photo

Networking and Refreshments Break 11:00-11:20

11:20-12:00  Title: Big data in noncoding RNA and precision medicine
Runsheng Chen, Institute of Biophysics - CAS, China

Sessions: Genomics | Next Generation Sequencing | Cancer Biology | Bio-Engineering | Biomarkers
Structural Biology | Integrative Biology
Session Chair: Laila Alves Nahum, René Rachou Institute, Brazil
Session Co-Chair: Mamoru Shoji, Emory University School of Medicine, USA

Session Introduction

12:00-12:30  Title: Pathways and co-expression network analysis of immune-related genes in short-term calorie restricted mice
Nehir Ozdemir Ozgenturk, Yildiz Technical University, Turkey

12:30-13:00  Title: Inhibition of breast cancer bone metastasis and pancreatic and colon cancer by synthetic curcumin analogue UBS109
Mamoru Shoji, Emory University School of Medicine, USA

Lunch Break 13:00-14:00

14:00-14:30  Title: Time-series experiment reveals new epigenetic signature and a gene regulatory network involved in early response to salinity stress in Arabidopsis T87 cells
Marta Koblowska, University of Warsaw, Poland

14:30-15:00  Title: Regulation of mitotic spindle polymerization by a novel histone deacetylase
3 linker histone H1.3 protein complex
Michael Bergel, Texas Woman’s University, USA

15:00-15:30  Title: Engineering human oral mucosa for clinical application
Witold Chmielewski, Dentistry of Laval University, Canada

15:30-16:00  Title: Molar concentration welcomes avogadro in postgenomic analysis
Alexander Archakov, Institute of Biomedical Chemistry, Russia

Networking and Refreshments Break 16:00-16:30

16:30-17:00  Title: Targeted single-cell RNA expression profiling for biomarker discovery
Alex Chenchik, Cellecta, Inc., USA

17:00-17:30  Title: Multiplication of virulent bacteriophage: Interactions with the host
Arieh Zaritsky, Ben-Gurion University of the Negev, Israel

17:30-18:00  Title: Biological and chemical fixation of carbon dioxide
JoonChing Juana, University of Malaya, Malaysia

Panel Discussion
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<td>09:00-09:05</td>
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| 09:05-09:45  | Title: Treatment of landfill leachate via advanced biological treatment technology  
Ling Tau Chuan, University of Malaya, Malaysia |                                                                           |                                                   |
| 09:45-10:25  | Title: Biophysical signaling, systems biology and carcinogenesis  
Sarah S Knox, West Virginia University School of Public Health USA |                                                                           |                                                   |
| 10:25-10:45  | Networking and Refreshments Break                                     |                                                                           |                                                   |
| 10:45-11:15  | Title: International Summit in Human Genetics and Genomics (ISHGG): Training the next generation of scientists and clinicians in human genetics and genomics in developing or genetics resource poor countries  
Manjit Kaur, National Human Genome Research Institute - NIH, USA |                                                                           |                                                   |
| 11:15-11:45  | Title: Managing your experiments and projects beyond spreadsheets  
Louis de Christen, Agilent, Spain |                                                                           |                                                   |
| 11:45-12:15  | Title: Neuromegen: Achieving rapid diagnosis for neurodevelopmental disorders  
Ana Fernández Marmiesse, University Hospital of Santiago de Compostela, Spain |                                                                           |                                                   |
| 12:15-12:45  | Title: Wave/particle duality in biomedical research  
Sarah S. Knox, West Virginia University School of Public Health, USA |                                                                           |                                                   |
Houda Hallay, Advanced Analytical Technologies, Inc., Germany |                                                                           |                                                   |

Poster Presentations 14:15-15:15
ICGMB-01: Title: Regulation of miRNAs expression by mutant p53 gain of function in cancer  
Tzitzijanik Madrigal Dominguez, UAM Iztapalapa, Mexico
ICGMB-02: Title: Genome-wide evaluation of loci and candidate genes underlying important traits in soybean (Glycine max (L.) Merr.)  
Wenbin Li, Northeast Agricultural University, China
ICGMB-03: Title: Comparison of the effect of caloric restriction types on the expression of some cancer-associated genes via RNA-seq  
Nehir Ozdemir Ozgenturk, Yildiz Technical University, Turkey
ICGMB-04: Title: Mussel adhesive protein-conjugated vitronectin (MAP151-V) induces anti-inflammatory activity on LPS-stimulated macrophages and UVB-irradiated keratinocyte  
Kyung-Bae Pi, Biotechnology & Business Center, Korea
ICGMB-05: Title: Comparative genomics analysis of 29 Lactococcus lactis strains  
Schermann Sabine, DuPont Nutrition and Health, France
ICGMB-06  Title: A PtDRG1, desiccation response gene from Pyropia tenera (Rhodophyta) exhibits chaperone function and enhance abiotic stress tolerance  
Dong-Woog Choi, Chonnam National University, South Korea  
 ICGB-07  Title: Admixture analyses of diverse goat genomic information for establishing Korean native goat breeding  
Kyung Tai Lee, RDA - National Institute of Animal Science, South Korea  
 ICGB-08  Title: Onco-Plus: an integrated database and computational protocol for discovery of lead molecules targeting unique DNA  
Akhilesh Mishra, Indian Institute of Technology Delhi, India  
 ICGB-09  Title: Population genomic analysis based on genome-wide SNP genotyping array reveals geographical and potential adaptive divergence in common carp (Cyprinus carpio)  
Jian Xu, Chinese Academy of Fishery Sciences, China  
 ICGB-10 to 17 14:50-15:20  
ICGB-10  Title: Expression of alpha 1 intensities in haptoglobin 2-1 and its association with clinical course in aneurysmal subarachnoid hemorrhage  
Bong Jun Kim, Institute of New Frontier Research - Hallym University College of Medicine, Republic of South Korea  
 ICGB-11  Title: Exome analyses in subfamily trios from large family tree in the south-eastern Moravia (Czech Republic) population with high incidence of parkinsonism  
Radek Vodicka, University Hospital Olomouc, Czech Republic  
 ICGB-12  Title: NGS analysis of miRNA expression patterns concerning therapeutic protein production and protein glycosylation in recombinant CHO DG44 cells  
Ann-Cathrin Leroux, University of Ulm, Germany  
 ICGB-13  Title: SEQprocess: A pipeline tool for processing of next generation sequencing data with modularized customization  
Taewoon Joo, Ajou University School of Medicine, Republic of Korea  
 ICGB-14  Title: Danshensu rescues ischemia/reperfusion caused hepatocyte damage  
Chun Ya Liang, Chan Bing Show Chwan Memorial Hospital, Taiwan  
 ICGB-15  Title: The protective effect of simvastatin against UVB-induced corneal endothelial cell death  
Yi-Ru Ho, Chan Bing Show Chwan Memorial Hospital, Taiwan  
 ICGB-16  Title: SPARC enhance acute corneal repair after chemical injury in a rat dry eye model  
Yun ching Cheng, Chan Bing Show Chwan Memorial Hospital, Taiwan  
 ICGB-17  Title: Big data in noncoding rna and precision medicine  
Jianjun Luo, Chinese Academy of Sciences, China  
 ICGB-18  Title: Difficulties of mosaicism interpretation in embryo aneuploidy screening in IVF setting  
Igors Pupko, Reproductive Medicine and Genetic Clinic iVF Riga, Latvia  
 ICGB-19  Presentation on Macrogen Inc, Spain  
SoonWoo Kwon Kim, Macrogen Spain  
 Networking and Refreshments Break 16:20-16:40  
B2B Meetings: 16:40-16:55  
Agilent Technologies, Spain, Advanced Analytical Technologies, Inc., Germany, Corning BV Life Sciences, Netherlands, Macrogen Spain
Title: Exploring the design of RNA-Seq analysis pipeline
Miriam Payá Milans, University of Tennessee, USA

Presentation on Corning BV Life Sciences
Olivier Habert, Corning BV Life Sciences, Netherlands

Panel Discussion
Day 3 May 23, 2018

Hall Name: Orly

Keynote Forum

09:00-09:05 Introduction

Title: How does nucleoid complexity affect cell dimensions during the division process in bacillary bacteria
Arieh Zaritsky, Ben-Gurion University of the Negev, Israel

Sessions: Biophysics | Molecular Biology | Integrative Biology | Micro RNA | Genome Medicine | Cancer Genomics

Session Chair: Mamoru Shoji, Emory University School of Medicine, USA
Session Co-Chair: Sarah S. Knox, West Virginia University School of Public Health, USA

Session Introduction

09:45-10:15 Title: Comparative diagnosis of avian viral diseases by real-time PCR and oligonucleotide microarray methods
Yerbol Burashev, Scientific Research Institute for Biological Safety Problems, Kazakhstan

10:15-10:45 Title: Integration of omics data to understand Alzheimer's disease
Sudeshna Das, Harvard university, USA

10:45-11:15 Title: Integration of scientific disciplines as powerful means of elucidating functional design in biology
J N Maina, University of Johannesburg, South Africa

Networking and Refreshments Break 11:15-11:30

11:30-12:00 Title: The use of whole exome sequencing to identify carriers of multiple variegated aneuploidy (MVA): A case study
Munirah T Aljaser, Farwaniya Hospital - MOH, Kuwait

12:00-12:30 Title: Cytoophidia elongation and increased incidence of testicular overgrowth from the overexpression of a singular microRNA within Drosophila melanogaster
Najat Dzaki, University of Science, Malaysia

12:30-13:00 Title: miR-199-sponge transgenic mice develop physiological cardiac hypertrophy
Ning Hou, Beijing Institute of Lifeomics, China

13.00-13:30 Title: miR-199a impairs autophagy and induces cardiac hypertrophy through mTOR activation
Zhenhua Li, Beijing Institute of Lifeomics, China

Lunch Break 13.30-14:30

Award Function & Closing Ceremony