<table>
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<tr>
<th>Time</th>
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| 09:00-09:30 | **Title: Optimizing clinical understanding of genomic variants in autism and other disorders of development**
E Robert Wassman, Lineagen Inc., USA |
| 09:30-10:00 | **Title: The clinical and personal utility of multi-gene analysis for severe skeletal dysplasias**
Elaine Lyon, Chris Miller and Alison Millson, University of Utah, USA |
| 10:00-10:30 | **Title: Pentagenic haplotype-related cholesterolemic phenotype in Alzheimer’s disease**
Ramon Cacabelos, EuroEspes Biomedical Research Center, Spain |
| 10:30-10:45 | Networking & Refreshments Break: 10:30-10:45 @ COLON |
| 10:45-11:10 | **Title: Comparative system genetics view of endometriosis and uterine leiomyoma**
Vladislav S Baranov, Ott’s Institute of Obstetrics, Gynecology and Reproduction, Russia |
| 11:10-11:35 | **Title: Molecular features of serrated colorectal polyps**
Andrew Ruszkiewicz, SA Pathology, Australia |
| 11:35-12:00 | **Title: Genetic deafness: From molecular level to patient care**
Xuezhong Liu, University of Miami-Miller School of Medicine, USA |
| 12:00-12:25 | **Title: Bioinformatics investigation of SNP distributions among human populations**
Alexei Fedorov, University of Toledo, USA |
| 12:25-12:50 | **Title: Nutritional genetics in diabetes and obesity management**
Michael Philip Nova, Pathway Genomics, USA |
| 12:50-13:15 | **Title: Identification of causal variants in North Indian families with ocular disorders**
Mousumi Mutsuddi and Shashank Gupta, Banaras Hindu University, India |
| 13:15-14:00 | Lunch Break: 13:15-14:00 @ La Terraza |
| 14:00-14:25 | **Title: SLCO1B1 gene polymorphisms pattern among Croatian Roma**
Tatjana Škarić-Jurić, Institute for Anthropological Research, Croatia |
| 14:25-14:50 | **Title: Foldback intercoil DNA: What it means to life science**
Byung-Dong Kim, Seoul National University, South Korea |
| 14:50-15:15 | **Title: A maternity case with human remains from a XIII–XIV century burial at Uceda, Guadalajara, Central Spain**
Cláudia Lopes Gomes, Complutense University of Madrid, Spain |
| 15:15-15:40 | **Title: Epigenetic changes induced by pregnancy complications may initiate latter development of cardiovascular and cerebrovascular diseases in the mother**
Ilona Hromadnikova, Charles University, Czech Republic |
| 15:40-16:05 | **Title: Role of TSGA10 gene in angiogenesis and tumor metastasis: What is the link?**
Kamran Mansouri, Medical Biology Research Center, Iran |
| 16:05-16:30 | **Title: Nano-silver suture as a new application for healing of periodontal flaps: In vitro histopathological, double blind study**
Majid Zakeri, Mashhad University of Medical Sciences, Iran |
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<tr>
<td>16:45-17:10</td>
<td>Title: Generation of improved human cerebral organoids from single copy DYRK1A knockout induced pluripotent stem cells in trisomy 21: Hypothetical solutions for neurodevelopmental models and therapeutic alternatives in Down syndrome</td>
<td>E Sacide Caglayan, Ankara Yildirim Beyazit University, Turkey</td>
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<td>17:10-17:35</td>
<td>Title: Association of genetic variations of genes that play a role in vitamin D metabolism with susceptibility to tuberculosis in Kazakhstan</td>
<td>Chee Kai Chan, Nazarbayev University, Kazakhstan</td>
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**Day 2 November 08, 2016**

**SEGRE Workshop**

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<tr>
<td>10:00-11:00</td>
<td>Title: Where human speed limit goes for short and long term running? A multifactor analysis through energetic metabolic pathways, genetic variations into ethnics and statistical approaches</td>
<td>Frenkel Guisado Bourzac, University of Oriente, CUBA</td>
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**Sessions:**

Clinical Genetics | Genetic Disorders | Immunogenetics | Genomics | Pharmacogenetics | Molecular Genetics | Evolutionary Genetics | Stem Cells and Regenerative Medicine | Epigenetics | Drug Discovery | Cancer Genetics

Session Chair: Byung-Dong Kim, Seoul National University, Korea
Session Co-chair: E Sacide Caglayan, Ankara Yildirim Beyazit University, Turkey

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<td>11:15-11:40</td>
<td>Title: Genotype-related vascular phenotype in dementia: Impact on the pharmacogenetic outcome</td>
<td>Ramon Cacabelos, EuroEspes Biomedical Research Center, Spain</td>
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<td>11:40-12:05</td>
<td>Title: Cardiovascular and cerebrovascular disease associated microRNAs are dysregulated in placental tissues affected with preeclampsia and intrauterine growth restriction</td>
<td>Ilona Hromadnikova, Charles University, Czech Republic</td>
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<td>12:05-12:30</td>
<td>Title: Comprehensive pedigree analyses of metabolism-related diseases for the evaluation of genetic predisposition to obesity: Gender and aging are critical factors</td>
<td>E Sacide Caglayan and Lale S Akan, Ankara Yildirim Beyazit University, Turkey</td>
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<tr>
<td>12:30-12:55</td>
<td>Title: Mutation p.Y572C in androgen receptor gene is associated with Sertoli cell only phenotype in a patient with complete androgen insensitivity</td>
<td>Ihtisham Bukhari, Women University of Azad Jammu and Kashmir, Pakistan</td>
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**Lunch Break: 13:00-14:05 @ La Terraza**

**Poster Presentations @ COLON 14:05-14:45**

| HG01        | Title: Effects of calcium channel gene mutations on adverse drug reactions of Ritodrine in patients with preterm labor | Min Young Baek, Ewha Womans University, South Korea |                                        |
| HG02        | Title: Effect of ACE genotype on brain bioactivity in vascular dementia | Ivan Tellado, EuroEspes Biomedical Research Center, Spain |                                        |
| HG03        | Title: Prevalence of the four common BRCA1 and BRCA2 founder mutations in Colombian breast patients of African descent | Elizabeth Vargas, Universidad del Rosario, Colombia |                                        |
| HG04        | Title: Effects of metabolizing enzyme gene polymorphisms on Sulindac pharmacokinetics in pregnant women with preterm labor | Jin Won Seong, Ewha Womans University, South Korea |                                        |
| HG05        | Title: Influence of the APOE4 allele on brain networks in healthy elderly subjects | Ivan Tellado, EuroEspes Biomedical Research Center, Spain |                                        |
| HG06        | Title: Characterization of the carbonic anhydrase 3 gene promoter and the mechanism of Evi1 mediated repression | Alaa Saleh, Glasgow Caledonian University, UK |                                        |
Title: Evaluation of 677C>T and 1298A>C polymorphisms of methylenetetrahydrofolate reductase (MTHFR) as protective factors for co-infection with Cytomegalovirus or hepatitis B virus in patients with HIV/AIDS
Elizabeth Vargas, Universidad del Rosario, Colombia
Title: Genetic evolution method of cell culture for mammalian and creating of human 2n=44
Fereydoun Kamali Dehghan, Razi Vaccine & Serum Research Institute karyotyping section, Iran

Title: Analysis of DNA/RNA sequence changes in 20 genes involved in the cell cycle in a Colombian population
Elizabeth Vargas, Universidad del Rosario, Colombia
Title: A genomic approach to histamine function
Lucia Fernandez-Novoa, EuroEspes Biomedical Research Center, Spain
Title: The potential effect of MT1A (A>G) and MT1A (C>G) SNPs of metallothionein gene on whole blood mercury levels in Iranian populations
Javad Babaei, Valiasr Hospital Research Center, Iran
Title: Validation and characterization of 3xTg (APP/Bin1/COPS5) mice as a new neuropathological model of Alzheimer’s disease
Ivan Carrera, EuroEspes Biomedical Research Center, Spain
Title: Vascular risk polymorphisms and serum atherogenic biomarkers
Lola Corzo, EuroEspes Biomedical Research Center, Spain
Title: Predictive genetic risk test in cerebrovascular disorders
Juan C Carril, EuroEspes Biomedical Research Center, Spain
Title: Epigenomic profile in dementia-related disorders
Oscar Tejijido Hermida, EuroEspes Biomedical Research Center, Spain
Title: EB101 vaccine as a dual immunotherapy for preventing and treating Alzheimer’s disease
Ivan Carrera, EuroEspes Biotechnology, Spain
Title: Transcriptomic analysis model of early fibrosis in the endothelial to mesenchymal transition
Marta Stasiak, Medical University of Lodz, Poland
Title: Rapid copy number typing of the human glycophorin A-B-E cluster
Walid Algady, University of Leicester, UK
Title: Epigenetics changes determination under the chronic ethanol exposure and its withdrawal at SH-SY5Y cells
Zeynep Cengiz, Fatih University, TURKEY

Networking & Refreshments Break: 15:30-15:45 @ COLON

Award & Closing Ceremony