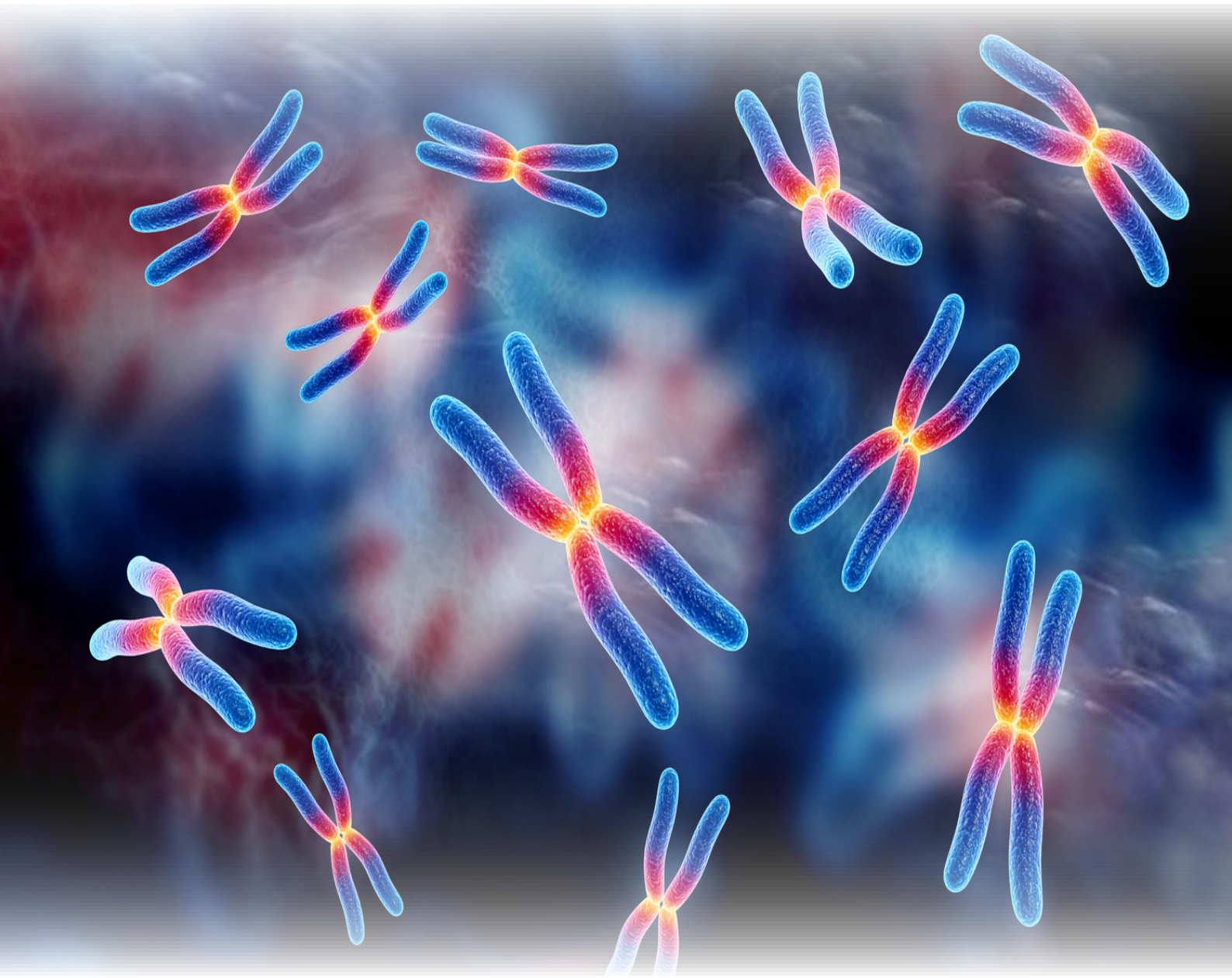
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793rd Conference

Scientific Program

World Congress on

Human Genetics

November 07- 08, 2016 Barcelona, Spain



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Day 1 November 07, 2016

08:00-08:30 Registrations

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08:30-09:00 Opening Ceremony

Keynote Forum

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

Networking & Refreshments Break: 10:30-10:45 @ COLON

Sessions:
Human Genetics | Pharmacogenetics | Neurodevelopmental Disorders | Genetic Testing | Evolutionary and Population genetics | Bioinformatics in Human Genetics | Diabetes and Obesity | Cancer Genetics | Molecular Genetics | Epigenetics | Stem Cells and Regenerative Medicine

Session Chair: Alexei Fedorov, University of Toledo, USA
Session Co-chair: Mousumi Mutsuddi, Banaras Hindu University, India

Session Introduction

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

Group Photo

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

Networking & Refreshments Break: 16:30-16:45 @ COLON

16:45-17:10	**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** **E Sacide Caglayan,** Ankara Yildirim Beyazit University, Turkey
17:10-17:35	**Title: Association of genetic variations of genes that play a role in vitamin D metabolism with susceptibility to tuberculosis in Kazakhstan** **Chee Kai Chan,** Nazarbayev University, Kazakhstan

Day 2 November 08, 2016

SEGRE

Workshop

10:00-11:00	**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** **Frenkel Guisado Bourzac,** University of Oriente, CUBA

Networking & Refreshments Break: 11:00-11:15 @ COLON

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

11:15-11:40	**Title: Genotype-related vascular phenotype in dementia: Impact on the pharmacogenetic outcome** **Ramon Cacabelos,** EuroEspes Biomedical Research Center, Spain
11:40-12:05	**Title: Cardiovascular and cerebrovascular disease associated microRNAs are dysregulated in placental tissues affected with preeclampsia and intrauterine growth restriction** **Ilona Hromadnikova,** Charles University, Czech Republic
12:05-12:30	**Title: Comprehensive pedigree analyses of metabolism-related diseases for the evaluation of genetic predisposition to obesity: Gender and aging are critical factors** **E Sacide Caglayan and Lale S Akan,** Ankara Yildirim Beyazit University, Turkey
12:30-12:55	**Title: Legal and ethical milestones of Random Human Nature Principle** **Seyed Mohammad Azin,** Royan Institute,Islamic Azad University of Damavand, Iran
12:55-13:20	**Title: Mutation p.Y572C in androgen receptor gene is associated with Sertoli cell only phenotype in a patient with complete androgen insensitivity** **Ihtisham Bukhari,** Women University of Azad Jammu and Kashmir, Pakistan

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

HG07	**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
HG08	**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

Poster Presentations @ COLON 14:45-15:30

HG09	**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
HG10	**Title: A genomic approach to histamine function** **Lucia Fernandez-Novoa,** EuroEspes Biomedical Research Center, Spain
HG11	**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
HG12	**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
HG13	**Title: Vascular risk polymorphisms and serum atherogenic biomarkers** **Lola Corzo,** EuroEspes Biomedical Research Center, Spain
HG14	**Title: Predictive genetic risk test in cerebrovascular disorders** **Juan C Carril,** EuroEspes Biomedical Research Center, Spain
HG15	**Title: Epigenomic profile in dementia-related disorders** **Oscar Teijido Hermida,** EuroEspes Biomedical Research Center, Spain
HG16	**Title: EB101 vaccine as a dual immunotherapy for preventing and treating Alzheimer's disease** **Ivan Carrera,** EuroEspes Biotechnology, Spain
HG17	**Title: Title: Transcriptomic analysis model of early fibrosis in the endothelial to mesenchymal transition** **Marta Stasiak,** Medical University of Lodz, Poland
HG18	**Title: Rapid copy number typing of the human glycophorin A-B-E cluster** **Walid Algady,** University of Leicester, UK
HG19	**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

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