Tentative Program

10th International Conference on

Genomics and Molecular Biology

May 21-23, 2018 Barcelona, Spain





Interactive Sessions | Keynote Lectures | Plenary Lectures | Workshops

Exhibitors | B2B Meetings

For available speaker slots

genomics@annualconferences.org

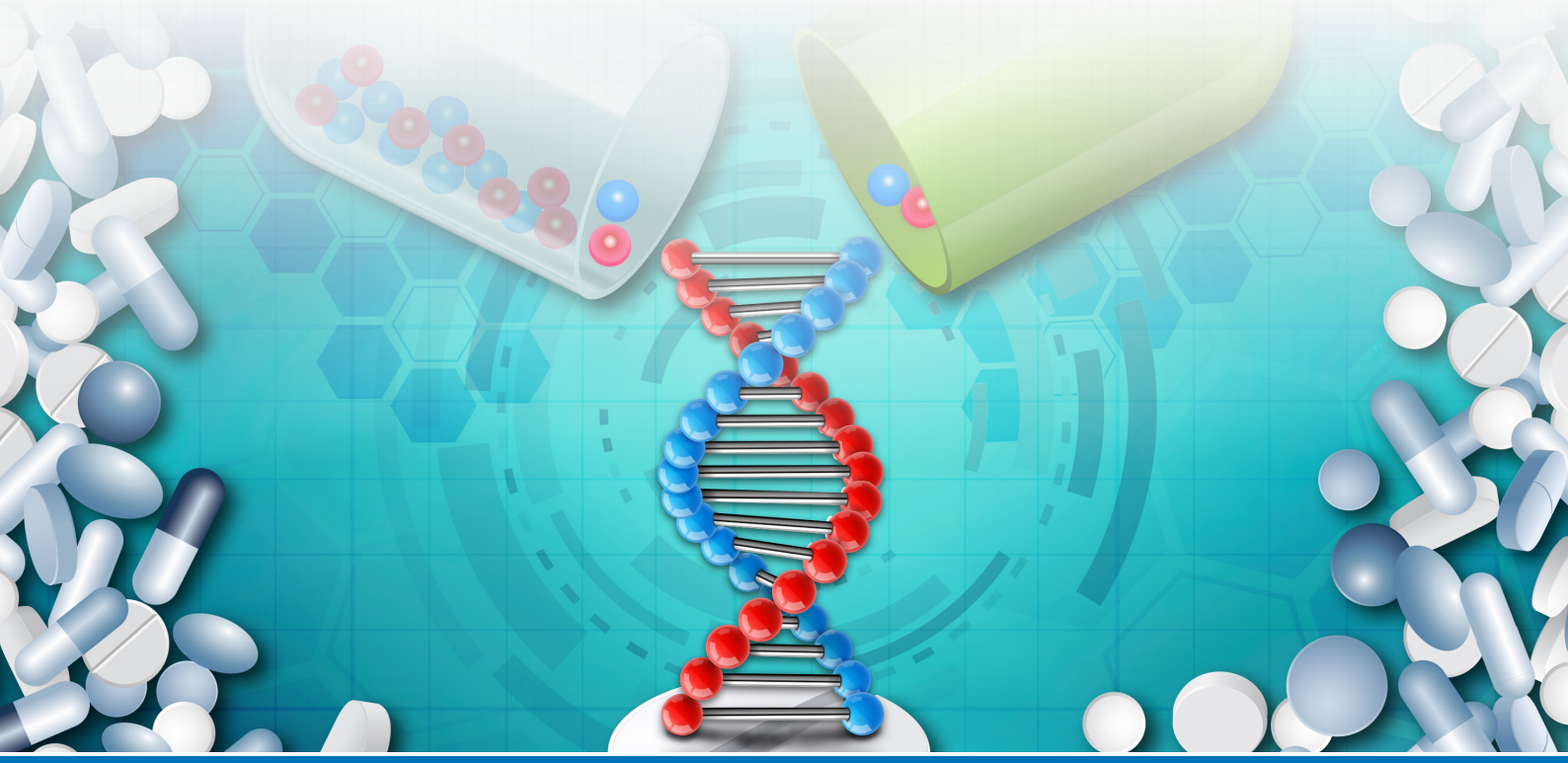
Conference Highlights

- Cancer genomics
- Molecular Biology
- Plant Genomics
- Structural Biology
- Stem Cell Biology
- Human Genomics
- Bioinformatics in Genomics
- Cell Biology
- Next Generation Sequencing
- Comparative Genomics
- Functional Genomics
- Pharmacogenomics and Clinical Genomics
- Gene Editing and CRISPR Based Technologies
- Genome Medicine
- Biomarkers
- Microbial Genomics
- Proteomics
- Genome Engineering
- Future Trends in Genomics
- Genomics Market

For detailed sessions, please visit: http://genomics.conferenceseries.com/

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Glimpses of Genomics 2017

















BEST TOURIST ATTRACTIONS IN BARCELONA, SPAIN



Aquarium Barcelona



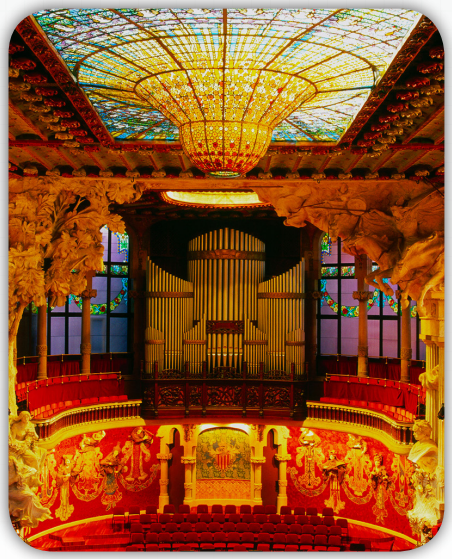
Casa Milà



Park Güell



Arc de Triomf



Palau de la Música Catalana



Tibidabo Amusement Park



Sagrada Família

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10th International Conference on Genomics and Molecular Biology

May 21-23, 2018, TRYP BARCELONA AEROPUERTO, Barcelona, Spain

Theme:Advanced Approaches In Genomics and Molecular Biology

10th International Conference on

Genomics and Molecular Biology

May 21-23, 2018 Barcelona, Spain

Program at a Glance

Day 1 May 21, 2018

Morning Sessions	Reception/Registration	08.00-09.00	
		Time	General Session
	Least of 3 Keynote/Plenary Talks	09.00-09.15	Inaugural Address
		09.15-09.45	Keynote/Plenary Talk 1
		09.45-10.15	Keynote/Plenary Talk 2
		10.15-10.45	Keynote/Plenary Talk 3
	Panel Discussions/Group Photo		
	Coffee/Tea Break 10.45-11.00 (Networking)		
Evening Sessions	11.00-12.40	5 Speakers (20 Mins Each)	
	Lunch Break 12.40-13.30		
	13.30-15.30	6 Speakers (20 Mins Each)	
	Coffee/Tea Break 15.30-15.45 (Networking)		
	15.45-17.25	5 Speakers (20 Mins Each)	

19 Speakers for **Day 1**

Day 2 May 22, 2018

		Time	Session 1	Session 2
Morning Sessions	09.00-10.40		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)			
	10.55-12.35		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25			
Evening Sessions	**13.25-15.05**		**5 Speakers (20 Mins Each)**	**5 Speakers (20 Mins Each)**
	Poster Sessions			
	Coffee/Tea Break 15.05-15.20 (Networking)			
	15.20-17.00		**5 Speakers (20 Mins Each)**	**5 Speakers (20 Mins Each)**

40 Speakers on **Day 2**

Day 3 May 23, 2018

		Time	Session 1	Session 2
Morning Sessions	09.00-10.40		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Coffee/Tea Break 10.40-10.55 (Networking)			
	10.55-12.35		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)
	Lunch Break 12.35-13.25			
Evening Sessions	13.25-15.05		5 Speakers (20 Mins Each)	5 Speakers (20 Mins Each)

Awards & Closing Ceremony

30 Speakers on **Day 3**

NOTE: Program Shedule is subject to change with final allotment of the speaker slots

For more Details PS: http://genomics.conferenceseries.com/

Title: Targeted single-cell RNA expression profiling for biomarker discovery

Alex Chenchik

Cellecta, Inc., USA

Dr. Alex Chenchik is President and Scientific Director of Cellecta, Inc., Mountain View, California focused on development and application of next generation functional genomic technologies for discovery biomarkers, drug targets and development novel drugs. He worked before at SBI as Vice-President of R/D and developed genetic screen technology with pooled lentiviral shRNA libraries in combination with a wide range of reporter cell lines. Previously, he worked for BDB Clontech as Director of GCA department and participated in the development of microarrays and disease-profiling arrays for expression profiling, PCR-based technologies for gene cloning, and subtraction-based approach for discovery of differentially expressed genes.

Title: Big data in noncoding RNA and precision medicine

Runsheng Chen

Chinese Academy of Sciences, China

Professor Runsheng Chen, Principal Investigator at Institute of Biophysics, CAS, is an academician of the Chinese Academy of Sciences (CAS), and an academician of the International Eurasian Academy of Sciences. Prof. Chen is a member of Human Genome Organization (HUGO), a member of the biomacromolecule group of The Committee on Data for Science and Technology (CODATA), and a member of the bioinformatics professional committee of the International Union of Pure and Applied Physics (IUPAP). Prof. Chen is now the General-secretary and Vice president of Chinese Society of Biophysics, and has published more than 130 papers in SCI.

Title: Comparative diagnosis of avian viral diseases by real-time PCR and oligonucleotide microarray methods

Yerbol Burashev

Research Institute for Biological Safety Problems, Kazakhstan

Upon graduating the Kazakh National Agrarian University in 2008, Dr. Burashev's career started at the RIBSP SC MES as a senior assistant in the "Microbial Collection" laboratory. During his research activity in the laboratory he has mastered the basic techniques of virological methods using cell cultures, as well as methods of producing monoclonal antibodies, setting the PCR and sequencing performance. In 2011, due to changes in the direction of scientific activity he has transferred to the "Molecular biology and genetic engineering" laboratory (RIBSP) as a junior researcher and works there till present. He has published over 25 papers both in domestic and foreign journals.

Title:Evolutionary genomics to improve functional prediction of parasite genes and proteins

Laila Alves Nahum

René Rachou Institute, Brazil

Laila Nahum has completed her PhD at the University of São Paulo (Brazil) and postdoctoral studies from the Marine Biological Laboratory and Louisiana State University (USA). She is a Researcher at Fiocruz Minas and a Teacher at Promove. Her research is focused on the phylogenomics (phylogenetics + genomics) of a broad range of organisms including human pathogens and their vectors. She has published research papers in reputed journals and book chapters. For more information, please visit her professional website: http://www.nahum.com.br.

Title: miR-199-sponge transgenic mice develop physiological cardiac hypertrophy

Ning Hou

Beijing Institute of Lifeomics, China

Ning Hou is specialized in transgenic and gene knockout/knockin technologies, and in charge of the establishment and maintenance of transgenic and gene knockout/knockin platform of the laboratory. She has contributed to the generation of >50 transgenic mouse lines including 7 tissue-specific Cre lines that were primarily reported, as well as 30 murine models of human disease. She has published 43 papers in scientific journals, including Cell Stem Cell, Journal of Clinical Investigation and Cell Research with the total Impact Factor of 167.

Title: miR-199a impairs autophagy and induces cardiac hypertrophy through mTOR activation

Zhenhua Li

Beijing Institute of Lifeomics, China

Zhenhua Li has completed his PhD from Beijing Institute of Biotechnology and is now the research assistant of Beijing Institute of Lifeomics. He mainly focuses on the exploring the regulatory mechanism of cardiac homeostasis maintenance, and developing the potential therapeutic targets for cardiac diseases. He has published 6 papers in reputed journals with the total impact factor of 32.7.

Title: Exploring the design of RNA-Seq analysis pipeline

Miriam Payá Milans

University of Tennessee, USA

Miriam is a young researcher with an international background. On her PhD studies, in Seville Spain, she worked on the molecular and biochemical analysis of genes in the lipid biosynthesis pathway. Part of that research was carried out in collaboration with laboratories at the Universities of Missouri and Guelph. After PhD, she decided to expand into the field of bioinformatics, with her first work done on SNP analysis in octoploid strawberry, in Barcelona. She is currently working as postdoctoral fellow at the University of Tennessee, focusing on the analysis of RNA-Seq data in several plant species. There, she helps teaching at RNA-Seq analysis workshops and offers bioinformatics support to colleagues.

Title:Cytoophidia elongation and increased incidence of testicular overgrowth from the overexpression of a singular microRNA within

Najat Dzaki

Science University of Malaysia, Malaysia

Najat is working in Science University of Malaysia, Malaysia.

Title: Regulation of mirnas expression by mutant p53 gain of function in cancer

Tzitzijanik Madrigal

Universidad Autonoma Metropolitana, Mexico

Madrigal graduated of Biology from Universidad Autonoma Metropolitana (UAM) in 2010, studied at the Molecular Oncology Laboratory (CINVESTAV), and received her MA in Experimental Biology from UAM in 2013. Currently she is a PhD student in Experimental Biology Program-UAM. Tzitzijanik Madrigal has member of the Mexican Association for Cancer Research (C-MIC) is a civil association, made up of scientists recognized both nationally and internationally as leaders in the development of basic, clinical, pharmacological and social research projects associated with the study of cancer.

Title: Molecular footprint for cultivated soybean domestication in China

Wenbin Li

Northeast Agricultural University, China

Key Laboratory of Soybean Biology of Chinese Education Ministry (Key Laboratory of Biology and Genetics & Breeding for Soybean in Northeast China, Ministry of Agriculture), Northeast Agriculture University, Harbin, China

Title:The response of Aspergillus trichodermus sp. nov., a novel basidiome from the protistan-myxo-metal redoxifying clade: A

Linnaea L. Borealis

University of the Northwestern Philippines, Philippines

Linnaea L. Borealis is a graduate of Ph.D. in Applied Environmental Chemistry from the University of the Northwestern Philippines, another Ph.D. degree was similarly conferred to Linnaea, and that is the Ph.D. in Bioinformatics with specialization in Evolutionary Biology. Linnaea teacher applied chemistry, basic biology, culture and sports, and introductory bioinformatics to pedagogy, biology, nursing and philosophy students.

Title: Pathways and co-expression network analysis of immune-related genes in short-term calorie restricted mice

Nehir Ozdemir Ozgenturk

Yildiz Technical University, Turkey

Dr Ozdemir Ozgenturk has completed her PhD from Justus Liebieg Universitaet and postdoctoral studies from Canadian Cereal Research Center. She is working Yildiz Technical University as associate professor.

Title: Integration of pharmacogenomics in patient- centered healthcare

Adrijana Kekic

Mayo Clinic, USA

Adrijana Kekic is a Program Director of Education, Outpatient Pharmacy at Mayo Clinic in Phoenix, Arizona. She is active in clinical care, research and lecturing and has been involved in development of pharmacogenomics services and education.
Dr. Kekic earned the Doctor of Pharmacy degree from Midwestern University College of Pharmacy in Glendale, Arizona. She holds a certification in Pharmacogenomics fom University of Florida College of Pharmacy and is candidate of Genomic Medicine certification from Stanford University. She is an adjunct faculty at Midwestern University College of Pharmacy and instructor at Mayo School of Medical Science. Her research focuses on pharmacogenomics in palliative care, transplant, and anesthesia.

Title: Whole exome sequencing for molecular diagnosis of polycystic kidney disease in aborted fetuses

Majid Kheirollahi

University of Medical Sciences Isfahan, Iran

Associate professor of Medical Genetics in Genetics and Molecular Biology department of Medical School at Isfahan University of Medical Sciences (for eight years).
Head of Pediatric Inherited Diseases Research Center at the Research Institute for Primordial Prevention of Noncommunicable Disease (for seven years).
Laboratory Technical Officer of Genetics Laboratory in Alzahra hospital.

Title: Alterations in gene expression of drug metabolizing enzymes in the liver of diabetic mice

Yazun Jarrar

ALZaytoonah University of Jordan, Jordan

Yazun Jarrar is currently working in ALZaytoonah University of Jordan, Jordan

Title: Role of mir-149 in severity of the CMT1A disorder in context of onst and FDS

Sumaira Kanwal

COMSATS institute of Infomation technology, Pakistan

Dr. Sumaira Kanwal has completed he PhD at the age of 27 years from Kongju national Univesity Koea and postdoctoral studies from Samsung Medical center. After getting her degree she is working as a faculty member IN COMSATS institute of infomation technology (One of the leading University of Pakistan. She has published more than 25 papers in reputed journals and has been serving as an editorial board member of various journals.Her main field of interst is Neuology and meuromuscular disoders.

Title:Identification of overlooked genes in deg analysis by integrating metabolic network topology analysis

Emine Ravza Öztürk

Yıldız Technical University, Turkey

E. Ravza Ozturk is a master student of Bioengineering Department in Yıldız Technical University. She graduated from Marmara University, Department of Bioengineering as honor student.

Title: Human artificial chromosomes and TAR cloning technology for genomes studies and biomedicine

Natalya Kouprina

National Institutes of Health, United Kingdom

Natalay Kouprina received her M.Sc. in physical chemistry from the St. Petersburg State University, Russia, and her Ph.D. and Dr.Sc. in cell biology from the Institute of Cytology, Russian Academy of Sciences. While in Russia, she worked on the identification of genes that control the replication and segregation of chromosomes in budding yeast. In 1991, she moved to the United States and focused her interests on genomics. At present, she is a staff scientist/leader of the group at the National Cancer Institute, USA. Presently, Dr. Kouprina serves as Editorial Board Member of several referred journals and invited as a consultant to Nature Communications. She also was an Invited Guest Editor of special issues of few high-rank journals. Natalay Kouprina was an organizer and a co-organizer of several international conferences.

Title: EhLINE1 and EhSINE1 expression profiling using next generation sequencing reveals uneven transcript distribution and

Devinder Kaur

Jawaharlal Nehru University, India

Devinder Kaur has completed her Masters at age of 23 and currently pursuing PhD from Jawaharlal Nehru University, Delhi. Her area of research interest is Bioinformatics and Molecular Biology. She is working on the primitive eukaryote Entamoeba histolytica with focus on non coding RNAs and repetitive elements. For the first time in E. histolytica the computational prediction of snoRNAs and experimental validation was done. This work has given two publications to her credit: one published in BMC Genomics in 2012 [BMC Genomics 2012, 13:390 doi:10.1186/1471-2164-13-390] and another in MBP [Mol Biochem Parasitol.

Title: Shifts in core bacterial microbiome of gorgonian sea fan related to necrotic-patch disease: Local confinement of

Elena Quintanilla Alcaide

Justus Liebig University Giessen, Germany

Elena Quintanilla was born in Barcelona and she is a PhD student from University of Los Andes (Colombia) and Justus-Liebig Universität (Germany). Elena did her Masters at the University of Barcelona on marine ecology of Mediterranean corals. In her PhD she has worked on molecular biology of gorgonian corals from the Tropical Eastern Pacific and she has published in reputed journals on topics such as phylogeography, invasive species biology and metagenomics. Elena has a wide experience in diving and she likes to raise scientific questions from the direct observation of marine ecosystems.

Title: Mussel Adhesive Protein-conjugated vitronectin (MAP151-V) induces anti-inflammatory activity on LPS-stimulated macrophages and UVB-irradiated keratinocyte

Kyung-Bae Pi

Incheon business information Technopark, Korea

Kyung Bae Pi has completed his M.S. at the age of 29 years from Kyung Hee University. He is the senior researcher and project leader of Incheon Business Information Technopark. He has published more than 14 papers in reputed journals and has been serving as an editorial board member of repute.

Title:Comparative genomics analysis of 29 Lactococcus lactis strains

Schermann Sabine

DuPont Nutrition and Health, France

Sabine Schermann obtained her Master degree of Bioinformatics at the Université Paul Sabatier (Toulouse, France) in 2011. Just after her studies, she joined the DuPont company as bioinformatician. She works in the Nutrition and Health division, in the Research and Development department. Her team work on the selection and study of lactic acid bacteria aimed to be used in the dairy industry. Her main missions are tool development, Linux server maintenance and the conduction of genomics analyses.

Title: A PtDRG1, desiccation response gene from Pyropia tenera (Rhodophyta) exhibits chaperone function and enhance abiotic

Dong-Woog Choi

Chonnam National University, South Korea

Dong-Woog Choi has completed his PhD from Seoul National University and postdoctoral studies from University of California at Riverside. He is the professor of Dept. Biology Education, Chonnam National University.

Title: Admixture analyses of diverse goat genomic information for establishing Korean native goat breeding

Kyung-Tai Lee

National Institute of Animal Science, Republic of Korea

Kyung-Tai Lee has completed his PhD in SungKyunKwan University, South Korea and is working for National Institute of Animal Science, RDA, Korea. He had participated in the International Swine Genome Sequencing Consortium in 2012 as a Korean representative. He is leading the genome sequencing projects for Korean native livestock animals such as pig, cattle, chicken, duck, goat. He has published 50 papers in SCI journals.

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

Akhilesh Mishra has done his Masters in Bioinformatics from Jamia Millia Islamia, New Delhi and is pursuing his PhD at the age of 28 years from Indian Institute of Technology, New Delhi. He is the recipient of CSIR-UGC-SRF and BINC award from Department of Biotechnology, India. He has published many research article in reputed peer reviewed journals.

Title: Population genomic analysis based on genome-wide SNP genotyping array reveals geographical and potential adaptive

Jian Xu

Chinese Academy of Fishery Sciences, China

Jian Xu has completed his PhD at the age of 27 years from Peking Union Medical School. He is an associate professor and the vice director of Center of Aquatic Genomics of Chinese Academy of Fishery Sciences. He has published 33 papers in reputed journals and has been serving as an editorial board member of Frontiers in Genetics.

Title: A Novel Association between Lysyl Oxidase (LOX) Gene Polymorphisms and Intracranial Aneurysm in the Korean

Bong Jun Kim

Translational Medical Institute, Republic of Korea

Bong Jun Kim is currently working in Translational Medical Institute, Republic of Korea

Title:Big Data in Noncoding RNA and Precision Medicine

Jianjun Luo

Chinese Academy of Sciences, China

Dr. Jianjun Luo, Associate Investigator at Institute of Biophysics, CAS, has been working on systematic characterization and functional studies of long noncoding RNAs in tumorigenesis and early development, and has published more than 20 papers in SCI.

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

Palacky Univesity Olomouc, Czech Republic

Radek Vodicka has completed his PhD study of Medical Genetics at the Faculty of Medicine and Dentistry, Palacky University Olomouc, Czech Republic in 2003. In 2015 he was appointed associate professor in the same field.
Since 2001, he has been working at the Institute of Medical Genetics at the University Hospital Olomouc in the DNA Diagnostics Laboratory and he is also working as an associate professor at the Faculty of Medicine and Dentistry, Palacky Univesity Olomouc. He has published more than 35 papers.

Title: Exome Analyses in Subfamily Trios from Large Family Tree in the South-Eastern Moravia (Czech Republic) Population with High

Darrol J. Baker

GoldenHelix Institute & Foundation for Biomedicine, UK

Dr Baker has completed his PhD at the age of 24 years from Oxford University and postdoctoral studies from many Universities including Oxford, Cambridge, UCL and Harvard University Schools of Medicine and Pathology. He is the director of Golden Helix Foundation, the Foundation has been established in 2003 as an international non-profit scientific research organization with interdisciplinary research and educational activities in the field of genome medicine. He has published more than 90 papers in reputed journals and is a leading author at Elsevier publishing, He has been serving as an editorial board member of repute. Doctor Baker recently complete a book on the AI and machine learning methods in human genome understand, published by Elsevier.

Title:Genetic regulation of RNA editing and its role in metabolic disease

Oscar Franzén

Karolinska Institutet, Sweden

Oscar Franzén completed his PhD in 2012 at Karolinska Institutet in Stockholm and has completed postdoctoral research at Icahn School of Medicine at Mount Sinai, New York. He is now an assistant professor at Karolinska Institutet. He has published 24 peer-reviewed papers in genomics and bioinformatics.

Title: Missense single nucleotide polymorphisms on exon 1 of the PKD1L2 gene from isolated B lymphocytes in chronic fatigue

Anne Klein

Griffith University, Australia

Anne Klein has completed a Master degree in Immunology and a Master in Bioinformatics at University Paris Diderot, and is currently undertaking a PhD at NCNED, Griffith Universsity. Her PhD project is to investigate the genetic aspect of the plurifactorial condition that is CFS/ME.

Title: Prediction Analysis Of Transient Receptor Potential Ion Channel And Acetylcholine Receptor Genes In B Lymphocytes From Chronic Fatigue Syndrome/Myalgic Encephalomyelitis Patients

Helene Cabanas

Griffith University, Australia

Helene Cabanas has recently completed her PhD at the University of Poitiers, in France. Since the beginning of her research career, she had a strong interest in understanding calcium pathway signalling and their implications in physiological and pathophysiological processes. She is actually a postdoctoral Research Fellow at the National Centre for Neuroimmunology and Emerging Diseases (NCNED) at Griffith University, Australia. She is conducting research that is focusing on the pathomechanism of Chronic Fatigue Syndrome/Myalgic Encephalomyelitis (CFS/ME).

Title: Caspase-9 inhibitory activity of gum resin extract of Boswellia species

Raheleh Shakeri

University of Kurdistan, Iran

RahelehShakeri has completed her PhD from University of Tehran, Iran. She is anassistant professor of biochemistry at University of Kurdistan since 2016 till now. Her research during MSc and PhD has focused on intrinsic apoptosis pathway.

Title: Detection of β-Lactamase Enzymes using conventional and molecular Methods

Hazem Hamed

Mansoura University, Egypt

Hazem Hamed is currently working in Mansoura University, Egypt

Title: Discovery of chloroplast capture in Juniperus excelsa complex and hybrid origin of J. seravschanica by chloroplast DNA,

Fatemeh Hojjati

Tarbiat Modares University, Iran

Fatemeh Hojjati is currently working in Tarbiat Modares University, Iran

Title: Molecular phylogeny of the Hedysarum in SouthWest Asia and its systematic implications

Haniyeh Nafisi

Tarbiat Modares University, Iran

Haniyeh Nafisi is PhD student of plant systematics in Tarbiat Modares University. I have published 2 papers in reputed journals in M.S. course in plant biology from Kharazmi University, Tehran.

Title: Association Between Plasminogen Activator Inhibitor-1-675 4G/5G Insertion/Deletion Polymorphism and Chronic Obstructive

Rabab El Wahsh

Menofia University, Egypt

Rabab el Wahsh completed her MD degree in 2013, and works as assistant professor of chest diseases and tuberculosis in Chest department, Faculty of medicine, Menofia University.

Title: A New Variant of Hotair

Z.Mohamadzade

Tarbiat Modares University, Iran

Z.Mohamadzade is currently working in Tarbiat Modares University, Iran

Title: Cloning, Expression, and Purification Studies on Urease γ and Exodeoxyribonuclease VII Small Subunit from

Shezaib Siddiqui

University of Karachi, Pakistan

Mr. Shezaib Siddiqui has completed M. Phil in 2017 from Dr. Panjwani Center for Molecular Medicine, University of Karachi. He has been awarded gold medal in 2013 on securing first position in MSc examination in Biotechnology, from University of Karachi. He was awarded “Meritorious Scholarship” in 2015on securing highest percentile in ETS GRE Biochemistry, Cell and Molecular Biology. His research expertise involved gene cloning, expression, protein purification and drug discovery.

Title: Discovery of Two Novel Deletions in the CELSR1 gene and CRYAA gene in a Kuwaiti Multigenerational Family diagnosed with Autosomal Dominant Bilateral Congenital Cataract

Suad

Kuwait University, Kuwait

Prof. Suad had more than 70 publications in reputed journals, one in Science, and has been serving as an editorial board member of repute and reviewed for several journals. in the feild of molecuar genomics in addition to two chapters. Earned her PhD from The Catholoic Uniceristy of America (CUA), Washington DC at the age of 29. Worked at Stanford University School of Medicine in link with (CUA) and produced one publication on Shutgun microarray. She is the the chariperson of the medical lab department and the establisher of geneitc lab.

Title: NGS analysis of miRNA expression patterns concerning therapeutic protein production and protein glycosylation in recombinant CHO DG44 cells

Ann-Cathrin Leroux

Ulm University, Germany

Ann-Cathrin Leroux studied Medical Biotechnology at the Univesity of Rostock and Pharmaceutical Biotechnology at Ulm University. She is currently working on her PhD at Sartorius Stedim Gellca GmbH and Ulm University

Title: E-BABE- MicroRNA expression profiling in placenta and maternal plasma in early pregnancy loss

Mohammad Kazem Hosseini

Istanbul University, Turkey

He graduated from PhD program in Molecular Biology and Genetic Department at Istanbul University on 02 June 2016. His last 6 years interest has been research on genomic and cell-free DNA and RNA at human genetic diseases and cancer at Genetical Diseases-Molecular Analysis Unit at Istanbul University under the Assoc.Prof.Dr. Tuba Gunel's advising. Furthermore, he has been different cooperated projects at Molecular Biology Department of Drug Applied and Biotechnology Center Tabriz University with Prof.Dr. Safar Farajnia, on antimicrobial biotechnology, cancer cell cloning and cell culture. He has published more than 10 articles in international journals worldwide.

Title:Comparison of the effect of caloric restriction types on the expression of some cancer-associated genes via RNA-Seq

Nehir Ozdemir Ozgenturk

1Yildiz Technical University, Turkey

Dr Ozdemir Ozgenturk has completed her PhD from Justus Liebieg Universitaet and postdoctoral studies from Canadian Cereal Research Center. She is working Yildiz Technical University as associate professor.

Title: Bridging pheno-plasticity with genetic profile of the hydrophyte Ludwigia stolonifera (Guill. & Perr.) P.H. Raven: with reference to its expansion to new habitats

Azza B. Hamed

Cairo University, Egypt

Azza Badr Hamed has been graduated from Botany Department, Faculty of Science, Cairo University and received her PhD from the same University in 2017 and published 5 papers in reputed journals.

Title: ISHGG-International Summit in Human Genetics and Genomics- Training the next generation of scientists and clinicians in human genetics and genomics, in developing or genetics resource poor countries

Manjit Kaur

The National Human Genome Research Institute (NHGRI)/NIH, USA

Manjit Kaur has an MS (Microbiology) from the University of Maryland; an MBA from the Johns Hopkins Carey Business School, Baltimore, Maryland, USA. She is an interdisciplinary scientist trained in microbiology, clinical pathology, infectious diseases, recombinant vaccines (cholera and malaria), biotechnology and human genetics and genomics. She previously worked for academia, the Department of Defense and the private sector, before arriving at the NIH (2001), to work on neural tube defects. She now manages the International Program at NHGRI that helps fill the knowledge gap in genetics and genomics in developing/genetics resource poor countries.

Title: Regenerative Competence in root explants of *Rhynchostylis gigantea*,an endandered genera :a study *in vitro*

Vishal Sharma

Panjab University, India

Dr VISHAL SHARMA has completed his PhD at the age of 27 years from Panjab University,Chandigarh on Orchid Propagation for Conservation and Commercialization-Astudy in vitro and published more than 15 papers in reputed journals besides serving in editorial board &life member of two journals .Presently, working as Assoc.Prof in Department of Botany,Post Graduate Govt.College For Girls-11,Chandigarh(Panjab University)

Title: Difficulties of mosaicism interpretation in embryo aneuploidy screening in IVF setting

Igors Pupko

University of Essex, Latvia

Igors Pupko has received his B.Sc.in Genetics from University of Essex. He is molecular geneticist in Reproductive Medicine and Genetic Clinic iVF Riga.

Title: SEQprocess: A pipeline tool for processing of next generation sequencing data with modularized customization

Ji-Hye Lee

Ajou University, Republic of Korea

Ji-Hye Choi has completed her Doctor of Science degree in major of Biomedical Informatics and Convergence Medicine from Ajou University of Medicine, Suwon, Republic of Korea in Agust 2017 and current her is a research fellow in Ajou University. Her research interests are genomics, bioinformatics, and system biology. Recentrly, she is auther of more than 5 papers in reputed journals including Cancer Research, Nature communication, Experimental & Molecular Medicine, Oncotarget and BMC bioinformatics.y

Title: The Use of Whole Exome Sequencing to Identify Carriers of Multiple Variegated Aneuploidy (MVA): A Case Study

Munirah T. Aljaser

Kuwait University

Dr. Munirah Aljaser is medical graduate of Kuwait University. A self-motivated and responsible individual, currently working as a resident treating patients in the Al-Farwaniya Hospital.

Title:Danshensu rescues ischemia/reperfusion caused hepatocyte damage

Chan-Yen Kuo

National Central University, Taiwan

Chan-Yen Kuo has completed his PhD at the age of 30 years from Tunghai University. He is an assistant Professor, Department of Optometry, Hsin Sheng junior college of medical care and management, Taiwan. His studies focus on the role of VHL on development of ccRCC in vitro and in vivo; Lon protease functions as a stress protein in hypoxia-induced cardiomyocyte death; Screening the effective nature products on inflammation induced cancer Cancer biology, Atherosclerosis, Vascular biology, Oxidant stress, DNA damage and repair, Microenvironment and tumorigenesis, Human age-related disease, Tissue-derived stem cells (Adipose-derived stromal cells and human umbilical cord derived mesenchymal stem cells)

Title:

Name

Affiliation

Biography