

		16:30-18:30	16-16:30	14-16	12:30-14	10:30-12:30	10-10:30	8-10		
									Workshops	Thursday May 19
									Workshops	Friday May 20
Dinner Party in Nature Bridge	Farsi Session	Farsi Session	Coffee Break/ Poster visits	Plenary session: P3	lunch	Plenary session: P2	Photo shooting	Opening Ceremony: P1	Saturday May 21	
		Farsi Session		Dr Baharvand Dr Atlasi Dr Slakedeh Dr Malakootian Dr Hassani		Dr Seidah, Dr Prat, Dr Tahmasebi Dr Little				50 <sup>th</sup> anniversary of Genetics society of Iran
		Farsi Session								
		Farsi Session								
		Farsi Session								
		Farsi Session								
Tehran Tour Ancient Iran Museum Golestan Palace	Main Hall	Mail Hall	Main Hall							
Farsi Session	Farsi Session	Coffee Break/ Poster visits	Farsi Session	lunch	Plenary session: P5	Coffee Break/ Poster visits	Plenary session: P4	Sunday May 22		
Botanical Garden visit	Farsi Session		Farsi Session		Dr Ehrenhofer-Murray Dr Hosseinkhani Dr Soltani Dr Ghiabi Dr Prost		Dr. Houben, Dr. Shubert Dr. Banaei-Moghaddam Dr. Najafian, Dr Seif			
	Farsi Session		Farsi Session							
	Farsi Session		Farsi Session							
	Farsi Session		Farsi Session							
Dinner Party in Botanical Garden	Tehran Tour Jamshidieh Garden-Jamaran		Talk to key speakers		Main Hall		Mail Hall			
To Be Announced	Closing ceremony P8  Award ceremony, Persian Music Concert  Main Hall	Coffee Break/ Poster visits	Farsi Session	lunch	Plenary session: P7	Coffee Break/ Poster visits	Plenary session: P6	Monday May 23		
			Farsi Session		Dr Palme Dr Varshney Dr Graner Dr Belaj Dr de Koning		Dr Faghihi Dr Masoudi-Nejad Dr Najmabadi Dr Elahi Dr Rabbani			
			Farsi Session							
			Farsi Session							
			Farsi Session							
			Farsi Session							
Talk to key speakers	Main Hall	Main Hall								
Matinabad (desert camp)/Isfahan Tour									Tuesday May 24	
Matinabad (desert camp)/Isfahan Tour									Wednesday May 25	
Matinabad (desert camp)/Isfahan Tour									Thursday May 26	

P2 Session

<b>Chair: Dr Nabil Seidah</b>	
Panel members: Dr. Annik Prat, Dr Stephen Little, Dr Frouzandeh Mahjoubi, Dr Hossein Najmabadi, Dr MohammadAli Faghihi, Dr Seyed Mehdi Kalantar	<b>10:30-12:30</b>
<b>Dr. Nabil Seidah</b> <i>Clinical Research Institute of Montreal (IRCM), Canada</i> Title: PCSK9: from bench to bedside	<b>10:30-11:15</b>
<b>Dr Annik Prat</b> <i>Clinical Research Institute of Montreal (IRCM), Canada</i> Title: Understanding the physiological impact of PCSK9 deficiency in mouse models	<b>11:15-11:40</b>
<b>Dr Maryam Tahmasebi</b> <i>Jundishapur University of Medical Sciences, Ahvaz, Iran</i> Title: Screening of PCSK9 nucleotide variants in Iranian patients suffering from familial hypercholesterolemia	<b>11:40-12:00</b>
<b>Dr Stephen Little</b> <i>Chief Executive Officer at PREMAITHA HEALTH PLC, UK</i> Title: The IONA test – non-invasive prenatal screening using semi-conductor next generation sequencing	<b>12:00-12:30</b>

P3 session

<b>Chair: Dr Hossein Baharvand</b>	
Panel members: Dr Ehrenhoffer-Murray, Dr Ghasem Salekdeh, Dr Marzieh Ebrahimi, Dr Hamid Gourabi, Dr Saman Hosseinkhani	<b>14:00-16:00</b>
<b>Dr. Hossein Baharvand</b> Royan Institute, Tehran, Iran Title: Reprogramming of cell fate for brain development and regenerative medicine	<b>14:14:30</b>
<b>Dr. Yaser Atlasi</b> <i>Radboud Institute for Molecular Life Sciences, Radboud University, Nijmegen, Netherlands</i> Title: Transcriptional and epigenetic re-wiring in embryonic stem states	<b>14:30-14:50</b>
<b>Dr. Ghasem Hosseini Salekdeh</b> <i>Agricultural Biotechnology Research Institute of Iran (ABRII), Karaj, Iran</i> Title: Generation and isolation of human ISL1+ multipotent cardiac progenitors from pluripotent stem cells for therapeutic applications	<b>14:50-15:20</b>
<b>Dr. Mahshid Malakootian</b> Rajaie Cardiovascular Medical and Research Center, Iran University of Medical Sciences, Tehran, Iran Title: The oct4 genomic structure revisited: a part for psors1c3	<b>15:20-15:40</b>
<b>Dr. Seyedeh Nafiseh Hassani</b> Royan Institute for Stem Cell Biology and Technology, Tehran, Iran Title: Inhibition of TGF-β signaling substantiate embryonic stem cell self-renewal	<b>15:40-16:00</b>

P4 session

<p>Chair: <b>Dr NiazAli Sepahvand</b></p> <p>Panel members: Dr Andreas Houben, Dr Abbas Ghamari-Zare, Dr AliMohammad Banaei Moghadam, Dr Alireza Seifi, Dr Mohsen Ebrahimi</p>	<b>8:00-10:00</b>
<p><b>Dr. Andreas Houben</b> <i>Leibniz Institute of Plant Genetics and Crop Plant Research, Germany</i> Title: Centromere biology meets plant breeding</p>	<b>8:00-8:30</b>
<p><b>Dr. Veit Schubert</b> <i>Leibniz Institute of Plant Genetics and Crop Plant Research, Germany</i> Title: Super-resolution microscopy - applications in plant cytogenetics</p>	<b>8:30-8:50</b>
<p><b>Dr. Ali Mohammad Banaei-Moghaddam</b> <i>Laboratory of Genomics and Epigenomics, School of Biology, Tehran University</i> Title: rye B-chromosomes carrying functional genes</p>	<b>8:50-9:15</b>
<p><b>Dr. Goodarz Najafian</b> <i>Wheat Breeder and DG, Seed and Plant Improvement Institute (SPII), Karaj, Iran</i> Title: Genetic Improvement in grain yield, Agronomic and quality traits of wheat over eighty years breeding in Iran</p>	<b>9:15-9:40</b>
<p><b>Dr. Alireza Seifi</b> <i>Department of Biotechnology and Plant Breeding, Ferdowsi University of Mashhad, Iran</i> Title: Genetics and molecular mechanisms of resistance to powdery mildews in tomato</p>	<b>9:40-10:00</b>

P5 session

<p>Chair: <b>Dr. Ann Ehrenhofer-Murray</b></p> <p>Panel members: Dr Masoud Garshasbi, Dr Hadi Shirzad, Dr. Stefan Prost, Dr Saman Hosseinkhani, Dr Kamran Ghaedi, Dr Seyed Mehdi Kalantar</p>	<b>10:30-12:30</b>
<p><b>Dr. Ann Ehrenhofer-Murray</b> <i>Institute of Biology, Humboldt-University in Berlin, Germany</i> Title: Epigenetic mechanisms of gene regulation: lessons from yeast</p>	<b>10:30-10:55</b>
<p><b>Dr. Saman Hosseinkhani</b> <i>Department of Biochemistry, Tarbiat Modares University, Tehran, Iran</i> Title: Apoptosome formation in cell death and differentiation: design of new gene reporter assay</p>	<b>10:55-11:20</b>
<p><b>Dr. Bahram M. Soltani</b> <i>Department of Genetics, Tarbiat Modares University, Tehran, Iran</i> Title: Bioinformatics prediction and experimental verification of novel miRNAs located in human genome</p>	<b>11:20-11:45</b>
<p><b>Dr. Pegah Ghiabi</b> <i>Weill Cornell Medical College in Qatar</i> Title: The Reciprocal Interaction between Breast Cancer and Endothelia Cells &amp; its Implications for tumor development &amp; metastasis</p>	<b>11:45-12:05</b>
<p><b>Dr. Stefan Prost</b> <i>Department of Integrative Biology, Center for Theoretical Evolutionary Genomics, University of California, Berkeley, USA</i> Title: From Bones to Genomes: Current State of Ancient DNA Research</p>	<b>12:05-12:30</b>

P6 session

<p>Chair: <b>Dr MohammadAli Faghihi</b></p> <p>Panel members: Dr Bahram Goliaei, Dr SaeedReza Ghafari, Dr Bahram Mohammad Soltani, Dr Majid Fardaei, Dr Javad Tavakoli, Dr hamid Galedari</p>	<p><b>8:00-10:00</b></p>
<p><b>Dr. Mohammad Ali Faghihi</b>  <i>Hussman Institute for Human Genomics, University of Miami, USA</i>            Title: NGS: principles and applications</p>	<p><b>8:00-8:30</b></p>
<p><b>Dr. Ali Masoudi-Nejad</b>  <i>Laboratory of Systems Biology and Bioinformatics, Tehran University</i>            Title: Computational Systems Biology in the Big Data Era</p>	<p><b>8:30-8:55</b></p>
<p><b>Dr. Hossein Najmabadi</b>  <i>Genetics Research Center, University of Social Welfare and Rehabilitation Sciences,</i>            Title: A decade later: Deep sequencing makes another breakthrough in revealing over 100 novel genes for recessive cognitive disorders</p>	<p><b>8:55-9:20</b></p>
<p><b>Dr. Elahe Elahi</b>  <i>School of Biology, Tehran University, Iran</i>            Title: History of our genetic studies on neurodegenerative diseases</p>	<p><b>9:20-9:45</b></p>
<p><b>Dr. Bahareh Rabbani</b>  <i>Rajaie Cardiovascular Medical and Research Center, Iran University of Medical Sciences</i>            Title: The implications of NGS in cardiovascular diseases</p>	<p><b>9:45-10:00</b></p>

P7 session

<p>Chair: <b>Dr Andreas Graner</b></p> <p>Panel members: Dr Hosseini Mazinani, Dr Shahzadeh Fazeli, Dr Afraz, Dr Abbas Ghamareizare, Dr Palme, Dr Dirk-Jan Koning</p>	<p><b>10:30-12:30</b></p>
<p><b>Dr. Klaus Palme</b>  <i>Department of Molecular Plant Physiology, University of Freiburg, Germany</i>            Title: From high resolution phenotyping enables systems biology insight into single cells and organs from model plant <i>Arabidopsis thaliana</i></p>	<p><b>10:30-10:55</b></p>
<p><b>Dr. Rajeev Varshney</b>  <i>International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), India</i>            Title: Translational genomics in agriculture</p>	<p><b>10:55-11:20</b></p>
<p><b>Dr. Andreas Graner</b>  <i>Leibniz Institute of Plant Genetics and Crop Plant Research (IPK), Gatersleben, Germany</i>            Title: Management, analysis and utilization of plant genetic resources</p>	<p><b>11:20-11:45</b></p>
<p><b>Dr. Angjelina Belaj</b>  <i>Institute of Agricultural Research and Training (IFAPA), Granada, Andalucía, Spain</i>            Title: Olive Genetic Resource: Current status of characterization, evaluation and use</p>	<p><b>11:45-12:10</b></p>
<p><b>Dr. Dirk-Jan de Koning</b>  <i>Department of Animal Breeding and Genetics, Swedish University of Agricultural Sciences, Uppsala, Sweden</i>            Title: Using DNA variation and functional variation to better understand and predict livestock performance</p>	<p><b>12:10-12:30</b></p>

