

The 2st Shahid Beheshti Medical Sciences University Summer School for
Stem Cells and Regenerative Medicine

Preliminary Program

Saturday 29 July	Time	Lectures	Lecturer
Day 1	7:30 - 8:30	Onsite Registration	
	8:30 - 9:15	Opening Ceremony	
	9:15 - 10	Future Trends in Regenerative Medicine	Dr. Khojasteh
	10 - 10:30	An Introduction to Stem Cells, Basic Sciences and Clinical Applications	Dr. Piryaei
	10:30 - 11	Break	
	11:30 - 12:30	Epigenetic and Cancer Stem Cell	Dr Ezatizadeh
	12:30 - 12:45	Discussion and Q&A	
	12:45 - 14	Lunch and Praying	
	14 - 14:30	Stem Cells Therapy for CKD	Dr. MoghadasAli
	14:30 - 16	Mesenchymal Stem Cells Workshop	Dr. MoghadasAli

Sunday 30 July	Time	Lectures	Lecturer
Day 2	8 - 8:50	Production and Differentiation of ESC into Germ Cells	Dr. Miryounesi
	8:50 – 9:45	Hepatocyte-like Cells Generation in Scale	Dr.Vousogh
	9:45 - 10	Discussion and Q&A	
	10 - 10:30	Break	
	10:30 - 11:10	Induced Pluripotent Stem Cells Generation, Characterization and Applications	Dr.Ghanbarian
	11:10 - 11:50	Application of Induced Pluripotent Stem Cells in Combination with Polyethersulfone Scaffold in Bone Tissue Engineering	Dr.Ardeshirylajimi
	11:50 - 12:30	Mesenchymal Stem Cell Therapy in Malignant and Non-malignant Disease of Children	Dr.Shamsian
	12:30 - 12:45	Discussion and Q&A	
	12:45 - 14	Lunch and Praying	
	14 - 16	Stereology Methods to Estimate Engrafted Cells Following Cell Therapy (Workshop)	Dr. Abdollahifar

Monday 31 july	Time	Lectures	Lecturer
Day 3	8 – 8:45	Neuronal Differentiation Induction in Mesenchymal Stem Cell by Lentiviral Vectors Carrying micro-RNA	Dr. Arefian
	8:15 – 9	Discussion and Q&A	
	9 – 9:45	Animal Models for Cell Therapy Researches	Dr.Haji Nassrolah
	9:45 – 10	Discussion and Q&A	
	10 - 10:30	Break	
	10:30 – 11:10	Current Concept in Ocular Surface Regeneration	Dr.Roshandel
	11:10 - 11:50	An Introduction to Regenerative Therapies in Retinal Degenerative Diseases	Dr.Daftarian
	11:50 – 12:20	Safety of BMSC Therapy for Spinal Cord Injury	Dr.Abbaszadeh
	12:20 - 12:30	Discussion and Q&A	
	12:30 - 14	Lunch and Praying	
	14 - 16	Human Umbilical Cord Stem Cells Isolation and Differentiation into Neurogenic Lineages (Workshop)	Dr.Aliaghaei

Tuesday 1August	Time	Lectures	Lecturer
Day 4	8 - 8:45	Personalized Cancer Medicine and Personalized Tumor Models	Dr.Aboulkheyr
	8:45 – 9	Discussion and Q&A	
	9 - 9:50	Stem Cell Therapy in Cerebral Ischemia	Dr.Aliaghaee
	9:50 – 10	Discussion and Q&A	
	10 - 10:30	Break	
	10:30 - 11:15	Advanced Scaffolds for the Regeneration of Damaged Cartilage Tissue	Dr.Hejazi
	11:15 – 11:30	Discussion and Q&A	
	11:30 – 12:15	Application of Exosomes and Condition Media in Regenerative Medicine	Dr.Hashemi
	12:15 - 12:30	Discussion and Q&A	
	12:30 - 14	Lunch and Praying	
	14 - 14:30	An Introduction to of Gene cloning	Dr.Jajarmi
14:30 - 16	Gene cloning Workshop	Dr Jajarmi	

Wednesday 2 August	Time	Lectures	Lecturer
Day 5	8 – 8:45	An Introduction to Microfluidics	Dr.Ajoodanian
	8:45 – 9	Discussion and Q&A	
	9 – 9:45	Immunomodulatory Functions of Mesenchymal Stem Cells on T-lymphocytes and their Application in Treatment of Autoimmune Disorders	Dr.Pourgholaminezhad
	9:45 – 10	Discussion and Q&A	
	10 – 10:30	Break	Dr.Azimi
	10:30 - 12:30	Writing Scientific Abstract for Proposals, Posters and Papers	
	12:30 - 13	Discussion and Q&A	
	12:30 - 13	Closing Ceremony	