



**Detailed Schedule Cell Module  
M.B.B.S 1st Year 2015 - 2016**

Date	Day	08:00 - 09:00	09:00 - 10:00	10:30 - 11:30	11:30 - 12:30	12:30 - 01:30	01:00 - 02:00
30-11-15	Monday	Structure Of Macromolecules <b>Prof. Dr. Faridoon Jawad (Mol. Bio)</b>	Cells: The Basic Units Of Life <b>Prof. Dr. Faridoon (Mol. Bio)</b>	Cell Membrane 1 <b>Dr. Noor ul ain (Biocham)</b>	Practical * Fixation and processing of tissues for staining of macromolecules <b>Anatomy Dept.</b>		
01-12-15	Tuesday	Cell Membrane 2 <b>Dr. Imrana Ihsan (Phy.)</b>	Cell Architecture 1 <b>Dr. MahJabeen (Aanatomy)</b>	Cell Architecture 2 <b>Dr. MahJabeen (Aanatomy)</b>	Integration Of Cells Into Tissues: The Role Of ECM & Intercellular Junctions <b>Dr. Mahmood Saba Ch. (Mol. Bio.)</b>	Break (12:30 - 01:00)	Energy , Enzymes & Metabolism <b>Prof. Dr. Faridoon</b>
02-12-15	Wednesday	Basement membrane <b>Prof. Dr. Raafea Tafweez (Anatomy)</b>	TUTORIALS Clinical conditions associated with changes in basement membrane <b>(Physiology Dept)</b>	Mitochondria, <b>Dr. Shakeel Ahmad (Biocham)</b>	Practical * Identification of basement membrane & collagen fibers under light microscope <b>Anatomy Dept.</b>		
03-12-15	Thursday	Structure of Nucleus & nucleolus <b>Dr. Mahjabeen (Ant.)</b>	Chromosomes, Cell cycle and Cell division <b>Dr. Mahmood Saba Ch</b>	Lysosomes, Functional system of cell-endocytosis and Exocytosis <b>Dr. Syed Faisal</b>	Practical * Identification of nuclei in cells <b>Anatomy Dept.</b>		
04-12-15	Friday	Protein Synthesizing Machinery Of Cell <b>Dr. Imrana Ihsan (Phy.)</b>	Golgi complex <b>Dr. Anna Thair (Phy)</b>	PBL Session Lysosomal Storage Diseases <b>Biochemistry Dept.</b>			
05-12-15	Saturday	Modification in cells in relation to function <b>Dr. Mahjabeen (Anatomy)</b>	Role of DNA in Heredity <b>Dr. Mahmood (Mol. Bio.)</b>	Hormone Production & storage <b>Dr. Anna Thair (Phy)</b>	Practical * Identification of cellular shapes and appearance in routine H& E staining under the light microscope <b>Anatomy Dept.</b>		
07-12-15	Monday	Transcription <b>Dr. Mahmood (Mol. Bio.)</b>	Translation <b>Dr. Mahmood (Mol. Bio.)</b>	The Eukaryotic Genome and Its Expression <b>Prof. Dr. Fridoon (Mol.Bio.)</b>	Cellular adaptation to stress, cell injury & death <b>Dr. Samina Qamar (Path)</b>	Break (12:30 - 01:00)	Basic Pathways Cell Signaling and Communication <b>Prof. Dr. Fridoon</b>
08-12-15	Tuesday	Specialized signaling pathway part I <b>Dr. Tania Ahmad (Mol. Bio.)</b>	Immune System <b>Dr. Aliya Muzafar (Path)</b>	Specialized signaling pathways part II <b>Dr. Tania Ahmad (Mol. Bio.)</b>	Molecular & Genetic Basic of Development <b>Prof. Dr. Fridoon (Mol.Bio.)</b>	Break (12:30 - 01:00)	Apoptosis <b>Dr. Tania Ahmad (Mol. Bio.)</b>
09-12-15	Wednesday	Inflammation <b>Dr. Raana Akhtar (Path)</b>	Thory of PCR & Applications <b>Prof. Dr. Fridoon</b>	Stem cells and personalized medicine <b>Prof. Dr. Fridoon</b>	Practical * Identification of necrotic and inflammatory cells <b>Pathology Dept.</b>		

Break  
10:00 - 10:30

**Note:**

All Lecture will be conducted in old auditorium .  
For Further details consult [www.kemu.edu.pk](http://www.kemu.edu.pk)

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