



# INDUS MEDICAL COLLEGE

FIRST PROFESSIONAL MBBS BATCH 2020-21

WEEK 2: FOUNDATION MODULE (THEME: Cell Structure, Chemistry and Function)

TIME	MONDAY 08/03/2021	TUESDAY 09/03/2021	WEDNESDAY 10/03/2021	THURSDAY 11/03/2021	FRIDAY 12/03/2021
8:30 am to 9:30 am	<b>FND-S1-Bioc-3</b> Biochemical structure of cell <b>Prof. Dr. S. M. Mahesar</b>	<b>FND-S1-Bioc-4</b> Biochemical structure of mitochondria <b>Prof. Dr. Ali Akbar Shah</b>	<b>FND-S1-Bioc-5</b> Biochemistry of membrane transport mechanism, active transport, passive transport, simple and facilitated diffusion <b>Prof. Dr. S. M. Mahesar</b>	<b>FND-S1- Ana-G6 (DEMONSTRATION)</b> Introduction to the parts of appendicular and axial skeleton <b>WHOLE CLASS Dr. Hina Mawani/ Dr. Joti Rajnesh</b>	<b>FND-S1-Mic-4</b> Gram positive and gram- negative bacteria and its importance in diagnosis and vaccination <b>Dr. Qandeel Soomro</b>
9:30 am to 10:30am	<b>FND-S1 Ana-H1</b> Microscope Parts and Handling of Light Microscope <b>Prof. Dr. Alina Saqib</b>	<b>FND-S1-Pharm-2</b> Routes of Drugs Administration <b>Dr. Jawad Sodhar</b>	<b>FND-S1-BME-2</b> <b>Bio Medical Ethics</b> Physician – Patient Relationship <b>Prof. Dr. Inayatullah Memon</b>		<b>Skill Lab</b> (Orientation) Group: A <b>Dr. Ishrat</b> (Anatomy) Group: B <b>Dr. Ismail Soomro</b> (Physiology)
10:30 am to 11:30 am	<b>FND-S1-Ana-H2</b> Cell Introduction <b>Prof. Dr. A. Ghaffar Ansari</b>	<b>FND-S1- Phy-4</b> Cell organelles-II Mitochondria Microtubules & Microfilaments Ribosomes Vaults Centromere <b>Dr. Kavita Bai</b>	<b>FND-S1-Ana-H4</b> Cell Cycle <b>Prof. Dr. A. Ghaffar Ansari</b>	<b>FND-S1-Mic-3</b> Structure of bacteria, virus, fungus and parasites, and specialized structure of bacterial cell and their role in disease. <b>Dr. Ghulam Abbas Soomro</b>	<b>10:30 am to 12:30 am</b>  <b>FND-S1-CBL</b> ALL Groups Faculty of Anatomy, Biochemistry & Physiology
11:30 am to 12:00 Noon	<b>BREAK</b>				
12:00 Noon to 01:00 pm	<b>FND-S1- Phy-3</b> General structure of cell Composition Cell Organelles-I Lysosomes Peroxisomes, Endoplasmic Reticulum, Golgi complex <b>Dr. Ghulam Nabi Patthan</b>	<b>FND-S1-Mic-2</b> Basic bacteriology: Eukaryotes and Prokaryotes <b>Dr. Ghulam Abbas Soomro</b>	<b>FND-S1- Phy-5</b> Nucleus & its Functions <b>Dr. Rizwan Talpur</b>	<b>FND-S1-Ana-H3</b> Cell Membrane <b>Dr. Hina Mawani</b>	<b>12:30 pm to 01:30 pm</b>  <b>SELF STUDY</b>

<p style="text-align: center;"><b>01:00 pm to 03:00 pm</b></p> <p style="text-align: center;"><b><u>PRATICALS</u></b></p>	<p><b>GROUP A: Histology</b> (Parts of Microscope) <b>Dr. Ishrat Rajper</b></p> <p><b>Group B: Physiology</b> (Introduction of Microscope) <b>Dr. Ismail/Dr. G.Sarwar</b></p> <p><b>Group C: Biochemistry</b> (General Introduction of Biochemistry and how to use laboratory wares) <b>Dr. Tufail</b></p>	<p><b>GROUP C: Histology</b> (Parts of Microscope) <b>Dr. Ishrat Rajper</b></p> <p><b>Group A: Physiology</b> (Introduction of Microscope) <b>Dr. Ismail/Dr. G.Sarwar</b></p> <p><b>Group B: Biochemistry</b> (General Introduction of Biochemistry and how to use laboratory wares) <b>Dr. Kiran</b></p>	<p><b>GROUP B: Histology</b> (Parts of Microscope) <b>Dr. Ishrat Rajper</b></p> <p><b>Group C: Physiology</b> (Introduction of Microscope) <b>Dr. Ismail/Dr. G.Sarwar</b></p> <p><b>Group A: Biochemistry</b> (General Introduction of Biochemistry and how to use laboratory wares) <b>Dr. Sana</b></p>	<p style="text-align: center;"><b>FND-SI-IT-2</b> (Orientation of IT lab) <b>Mr. Athar Ghazipura</b></p>	<p style="text-align: center;"><b>FROM 01:30 pm</b></p> <p style="text-align: center;"><b>ONWARDS</b></p> <p style="text-align: center;"><b>BREAK AND</b></p> <p style="text-align: center;"><b>JUMMA PRAYER</b></p>
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**VENUE: LECTURE HALL – I LEVEL – I, INDUS MEDICAL COLLEGE, TMK**

**PROF: DR. ALINA SAQIB KHAN**  
Director Academics

Note: For Skill Lab Rotation

Group A ( Roll Number 1 to 50)

Group: B (Roll Number 50 to 100)

For Practical Labs Students will follow their allotted groups. (A-B-C)