

**2018-2019 ACADEMIC YEAR PHASE I****MED101 Cell Sciences I****Committee start date : 1 October 2018****Committee end date : 23 November 2018****Classroom: Green Hall**

|                                   | Lecture   | Lab      | Total     |
|-----------------------------------|-----------|----------|-----------|
| Behavioral Sciences               | 8         | -        | 8         |
| Medical Biochemistry              | 22        | -        | 22        |
| Medical Biology                   | 26        | -        | 26        |
| Medical Education and Informatics | 4         | -        | 4         |
| Organic Chemistry                 | 20        | -        | 20        |
| Public Health                     | 6         |          | 6         |
| <b>TOTAL</b>                      | <b>86</b> | <b>-</b> | <b>86</b> |

**Dean****Professor Gamze MOCAN, MD****Vice Deans****Professor Selda ÖNDEROĞLU, PhD****Professor Songül ACAR VAİZOĞLU, MD****Coordinator****Associate Professor Özlem DALMIZRAK, PhD****Assistant Coordinators****Assistant Professor Emrah RUH, PhD****Assistant Professor Umut GAZİ, PhD****Assistant Professor Günnur KOÇER, PhD****ACADEMIC STAFF**

Professor Şanda ÇALI

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Assistant Professor Cahit TAŞKIRAN

Department of Medical Education and Informatics

Dr. Sibel KOÇBIYIK

Department of Psychiatry

|               | 1 October  | 2 October  | 3 October  | 4 October   | 5 October  |
|---------------|--|--|--|---|--|
| 09:00 - 09:50 |  |  |  | Meeting with the Phase I Coordinators   | Meeting with the UZEM and Elective Courses Coordinators                                    |
| 10:00 - 10:50 |  | INTRODUCTION OF THE HOSPITAL 10.00-11.00 Room: 313 |  |   |  |
| 11:00 - 11:50 |  |  |  | Organic Chemistry<br>Introduction to Organic Chemistry. Carbon Compounds<br><i>Süleyman Aşır</i>                    | Medical Biology<br>The Cell: Definition, Evolution and Organization<br><i>Selma Yılmaz</i> |
| 12:00 - 12:50 |  |  |  | Organic Chemistry<br>Introduction to Organic Chemistry. Carbon Compounds and Chemical Bonds<br><i>Süleyman Aşır</i> | Medical Biology<br>The Cell: Definition, Evolution and Organization<br><i>Selma Yılmaz</i> |
| 13:00 - 13:50 |  |  | Opening and White Coat Ceremony and Opening Lecture: (14.00-16.00) |   |  |
| 14:00 - 14:50 |  |  |  |   |  |
| 15:00 - 15:50 | ORIENTATION INTRODUCTION OF THE FACULTY (15.00-17.00) ROOM 313 |  |  |   |  |
| 16:00 - 16:50 |  |  |  |   |  |

|               | 8 October  | 9 October   | 10 October                | 11 October                         | 12 October                             |
|---------------|--|---|---------------------------|------------------------------------|--|
| 09:00 - 09:50 | Medical Biology                                    | Organic Chemistry   | Organic Chemistry         | Medical Biochemistry               |  |
|               | The Cell: Definition, Evolution and Organization   | An Introduction to Organic Reactions: Acids and Bases       | Alkanes, alkenes, alkynes | Water, Solubility, Acids and Bases |  |
|               | Selma Yılmaz                                       | Süleyman Aşır   | Süleyman Aşır             | Özlem Dalmızrak                    |  |
| 10:00 - 10:50 | Medical Biology                                    | Organic Chemistry   | Organic Chemistry         | Medical Biochemistry               | Medical Biochemistry                   |
|               | The Cell: Definition, Evolution and Organization   | An Introduction to Organic Reactions: Acids and Bases       | Alkanes, alkenes, alkynes | Water, Solubility, Acids and Bases | Weak Acids, Weak Bases, PH and Buffers |
|               | Selma Yılmaz                                       | Süleyman Aşır   | Süleyman Aşır             | Özlem Dalmızrak                    | Özlem Dalmızrak                        |
| 11:00 - 11:50 | Organic Chemistry                                  | Medical Biochemistry  | Medical Biology           | Medical Biochemistry               | Medical Biochemistry                   |
|               | Representative Carbon Compounds: Functional Groups | Introduction to Biochemistry: Chemical Bonds and Reactivity | Cell Membrane             | Water, Solubility, Acids and Bases | Weak Acids, Weak Bases, PH and Buffers |
|               | Süleyman Aşır                                      | Özlem Dalmızrak   | Selma Yılmaz              | Özlem Dalmızrak                    | Özlem Dalmızrak                        |
| 12:00 - 12:50 | Organic Chemistry                                  | Medical Biochemistry  | Medical Biology           |                                    |  |
|               | Representative Carbon Compounds: Functional Groups | Introduction to Biochemistry: Chemical Bonds and Reactivity | Cell Membrane             |                                    |  |
|               | Süleyman Aşır                                      | Özlem Dalmızrak   | Selma Yılmaz              |                                    |  |
| 13:00 - 13:50 |  |   |                           |                                    |  |
| 14:00 - 14:50 |  |   |                           |                                    |  |
| 15:00 - 15:50 |  |   |                           |                                    |  |
| 16:00 - 16:50 |  |   |                           |                                    |  |

|               | 15 October   | 16 October   | 17 October  | 18 October   | 19 October  |
|---------------|--|--|---|--|---|
| 09:00 - 09:50 | Public Health<br>Healthy Lifestyle Behaviors<br><i>Songül Vaizoğlu</i> | Behavioral Sciences<br>Introduction to Behavioral Science in Medicine<br><i>Sibel Koçbıyık</i>     | Behavioral Sciences<br>Normality in Medicine<br><i>Sibel Koçbıyık</i>             |  | Medical Biology<br>Organelles: The Endomembrane System (ER, Golgi, Lysosome-<br><i>Selma Yılmaz</i>                     |
| 10:00 - 10:50 | Public Health<br>Healthy Lifestyle Behaviors<br><i>Songül Vaizoğlu</i> | Behavioral Sciences<br>Introduction to Behavioral Science in Medicine<br><i>Sibel Koçbıyık</i>     | Behavioral Sciences<br>Normality in Medicine<br><i>Sibel Koçbıyık</i>             | Medical Biochemistry<br>Carbohydrates: Structure of Monosaccharides and Carbohvdrate Derivatives<br><i>Özlem Dalmizrak</i> | Medical Biology<br>Organelles: The Endomembrane System (ER, Golgi, Lysosome-<br><i>Selma Yılmaz</i>                     |
| 11:00 - 11:50 | Organic Chemistry<br>Alkanes, alkenes, alkynes<br><i>Süleyman Aşır</i> | Public Health<br>Health Consequences of Tobacco Dependency and Tobacco Control<br><i>Özen Aşut</i> | Public Health<br>Family Planning and Emergency Contraception<br><i>Şanda Çalı</i> | Medical Biochemistry<br>Carbohydrates: Structure of Monosaccharides and Carbohydrate Derivatives<br><i>Özlem Dalmizrak</i> | Medical Biology<br>Organelles: The Endomembrane System (ER, Golgi, Lysosome-Protein Trafficking)<br><i>Selma Yılmaz</i> |
| 12:00 - 12:50 | Organic Chemistry<br>Alkanes, alkenes, alkynes<br><i>Süleyman Aşır</i> | Public Health<br>Physician's Responsibility in Tobacco Control<br><i>Özen Aşut</i>                 | Public Health<br>Family Planning and Emergency Contraception<br><i>Şanda Çalı</i> |  |   |
| 13:00 - 13:50 |  |  |   |  |   |
| 14:00 - 14:50 |  |  |   |  |   |
| 15:00 - 15:50 |  |  |   |  |   |
| 16:00 - 16:50 |  |  |   |  |   |

|               | 22 October   | 23 October   | 24 October   | 25 October   | 26 October   |
|---------------|--|--|--|--|--|
| 09:00 - 09:50 | <b>Medical Biology</b><br><b>Organelles: The Nucleus, Mitochondrion, Peroxisome and the others)</b><br><i>Selma Yılmaz</i> |  | <b>Organic Chemistry</b><br><b>Alkyl Halides</b><br><i>Süleyman Aşır</i>                                   |  |  |
| 10:00 - 10:50 | <b>Medical Biology</b><br><b>Organelles: The Nucleus, Mitochondrion, Peroxisome and the others)</b><br><i>Selma Yılmaz</i> | <b>Organic Chemistry</b><br><b>Stereochemistry: Chiral Molecules</b><br><i>Süleyman Aşır</i> | <b>Organic Chemistry</b><br><b>Alkyl Halides</b><br><i>Süleyman Aşır</i>                                   | <b>Medical Biochemistry</b><br><b>Heteropolysaccharides: Structure and Functions</b><br><i>Özlem Dalmizrak</i> | <b>Medical Biology</b><br><b>Cell Cytoskeleton, cell-cell junctions and the ECM</b><br><i>Selma Yılmaz</i> |
| 11:00 - 11:50 | <b>Medical Biology</b><br><b>Organelles: The Nucleus, Mitochondrion, Peroxisome and the others)</b><br><i>Selma Yılmaz</i> | <b>Organic Chemistry</b><br><b>Stereochemistry: Chiral Molecules</b><br><i>Süleyman Aşır</i> | <b>Medical Biology</b><br><b>Cell Cytoskeleton, cell-cell junctions and the ECM</b><br><i>Selma Yılmaz</i> | <b>Medical Biochemistry</b><br><b>Heteropolysaccharides: Structure and Functions</b><br><i>Özlem Dalmizrak</i> | <b>Medical Biology</b><br><b>Cell Cytoskeleton, cell-cell junctions and the ECM</b><br><i>Selma Yılmaz</i> |
| 12:00 - 12:50 |  |  | <b>Medical Biology</b><br><b>Cell Cytoskeleton, cell-cell junctions and the ECM</b><br><i>Selma Yılmaz</i> |  |  |
| 13:00 - 13:50 |  |  |  |  |  |
| 14:00 - 14:50 |  |  |  |  |  |
| 15:00 - 15:50 |  |  |  |  |  |
| 16:00 - 16:50 |  |  |  |  |  |

|               | 29 October   | 30 October  | 31 October  | 1 November  | 2 November  |
|---------------|--------------|---|---|---|---|
| 09:00 - 09:50 | REPUBLIC DAY | Medical Biology<br>DNA, Chromatin Structure and Function<br><i>Umut Fahrioğlu</i> |   | Good Medical Practice<br>Introduction Lecture<br><i>Cahit Taskiran</i>              |   |
| 10:00 - 10:50 |              | Medical Biology<br>DNA, Chromatin Structure and Function<br><i>Umut Fahrioğlu</i> | Organic Chemistry<br>Alcohols, Phenols, Thiols and Ethers<br><i>Süleyman Asır</i> | Medical Biochemistry<br>Chemical Structure of Nucleotides<br><i>Özlem Dalmızrak</i> | Organic Chemistry<br>Aromatic Compounds<br><i>Süleyman Asır</i> |
| 11:00 - 11:50 |              | Organic Chemistry<br>Radical Reactions<br><i>Süleyman Asır</i>                    | Organic Chemistry<br>Alcohols, Phenols, Thiols and Ethers<br><i>Süleyman Asır</i> | Medical Biochemistry<br>Chemical Structure of Nucleotides<br><i>Özlem Dalmızrak</i> | Organic Chemistry<br>Aromatic Compounds<br><i>Süleyman Asır</i> |
| 12:00 - 12:50 |              | Organic Chemistry<br>Radical Reactions<br><i>Süleyman Asır</i>                    |   |   |   |
| 13:00 - 13:50 |              |   |   |   |   |
| 14:00 - 14:50 |              |   |   |   |   |
| 15:00 - 15:50 |              |   |   |   |   |
| 16:00 - 16:50 |              |   |   |   |   |

|               | 5 November                       | 6 November                        | 7 November   | 8 November  | 9 November  |
|---------------|----------------------------------|-----------------------------------|--|---|---|
| 09:00 - 09:50 | Good Medical Practice            | Good Medical Practice             | Medical Biochemistry<br>Amino Acids: Classification and Chemical Structure<br><i>Özlem Dalmızrak</i> | Medical Biology<br>Human Genome Variations<br><i>Umut Fahrioğlu</i>                         | Medical Biochemistry<br>Peptide Bond, Peptides, Polypeptides and Folding of<br><i>Özlem Dalmızrak</i> |
| 10:00 - 10:50 | Hand Washing                     | Hand Washing                      | Medical Biochemistry<br>Amino Acids: Classification and Chemical Structure<br><i>Özlem Dalmızrak</i> | Medical Biology<br>Human Genome Variations<br><i>Umut Fahrioğlu</i>                         | Medical Biochemistry<br>Peptide Bond, Peptides, Polypeptides and Folding of<br><i>Özlem Dalmızrak</i> |
| 11:00 - 11:50 |                                  |                                   | Medical Biology<br>Chromosome structure, function and anomalies<br><i>Umut Fahrioğlu</i>             | Medical Biochemistry<br>Amino acids: Physical/chemical Properties<br><i>Özlem Dalmızrak</i> | Medical Biology<br>DNA Replication<br><i>Umut Fahrioğlu</i>   |
| 12:00 - 12:50 |                                  |                                   | Medical Biology<br>Chromosome structure, function and anomalies<br><i>Umut Fahrioğlu</i>             | Medical Biochemistry<br>Amino acids: Reactions and Isolation<br><i>Özlem Dalmızrak</i>      | Medical Biology<br>DNA Replication<br><i>Umut Fahrioğlu</i>   |
|               | Group I<br><i>Cahit Taşkiran</i> | Group II<br><i>Cahit Taşkiran</i> |  |   |   |
| 13:00 - 13:50 |                                  |                                   |  |   |   |
| 14:00 - 14:50 |                                  |                                   |  |   |   |
| 15:00 - 15:50 |                                  |                                   |  |   |   |
| 16:00 - 16:50 |                                  |                                   |  |   |   |

|               | 12 November  | 13 November  | 14 November   | 15 November             | 16 November |
|---------------|--|--|---|-------------------------|-------------|
| 09:00 - 09:50 |  | Behavioral Sciences<br>Sensation and Perception<br><i>Sibel Koçbıyık</i>                                   | Behavioral Sciences<br>Developmental Psychology<br><i>Sibel Koçbıyık</i>          | REPUBLIC DAY OF<br>TRNC |             |
| 10:00 - 10:50 | Medical Biochemistry<br>Peptide Bond, Peptides,<br>Polypeptides and Folding of<br><i>Özlem Dalmızrak</i> | Behavioral Sciences<br>Sensation and Perception<br><i>Sibel Koçbıyık</i>                                   | Behavioral Sciences<br>Developmental Psychology<br><i>Sibel Koçbıyık</i>          |                         |             |
| 11:00 - 11:50 | Medical Biochemistry<br>Peptide Bond, Peptides,<br>Polypeptides and Folding of<br><i>Özlem Dalmızrak</i> | Medical Biochemistry<br>Protein Structure, Structural<br>Analysis and Proteomics<br><i>Özlem Dalmızrak</i> | Medical Biology<br>Mitochondria (genome and<br>function)<br><i>Umut Fahrioğlu</i> |                         |             |
| 12:00 - 12:50 |  | Medical Biochemistry<br>Protein Structure, Structural<br>Analysis and Proteomics<br><i>Özlem Dalmızrak</i> | Medical Biology<br>Mitochondria (genome and<br>function)<br><i>Umut Fahrioğlu</i> |                         |             |
| 13:00 - 13:50 |  |  |   | REPUBLIC DAY OF<br>TRNC |             |
| 14:00 - 14:50 |  |  |   |                         |             |
| 15:00 - 15:50 |  |  |   |                         |             |
| 16:00 - 16:50 |  |  |   |                         |             |



|               | 19 November | 20 November             | 21 November | 22 November             | 23 November             |
|---------------|-------------|-------------------------|-------------|-------------------------|-------------------------|
| 09:00 - 09:50 |             |                         |             |                         |                         |
| 10:00 - 10:50 |             |                         |             |                         |                         |
| 11:00 - 11:50 |             | LDC EXAM (ENG101) 11.00 |             | LDC EXAM (YİT101) 11.00 | LDC EXAM (AIT103) 11.00 |
| 12:00 - 12:50 |             |                         |             |                         |                         |

|               |  |  |                               |                               |  |
|---------------|--|--|-------------------------------|-------------------------------|--|
| 13:00 - 13:50 |  |  | UZEM SINAVLARI (AIT101) 13:00 | UZEM SINAVLARI (TUR101) 13:00 | <b>EXAMINATION:<br/>MED101<br/>Cell Sciences I<br/>Committee</b> |
| 14:00 - 14:50 |  |  |                               |                               |  |
| 15:00 - 15:50 |  |  |                               |                               |  |
| 16:00 - 16:50 |  |  |                               |                               |  |