**BIOCHEMISTRY II - TIMETABLE**

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|  | **Tuesday 17.00-19.00** | **Friday****17.00-19.00** | **Academic staff** | **Location** |
| **Clinical relevance and therapeutic targeting of DNA repair mechanisms** | **03-10-23** |  | **KOSTAS PAPAVASILIOU** | **Lecture Hall****(Biochemistry LAB, Building 16, Second floor)** |
| **Basic principles of regulation of the transcription of eukaryotic cells** |  | **06-10-23** | **KOSTAS PAPAVASILIOU** | **Lecture Hall** |
| **Mechanisms of cell cycle regulation and apoptosis** | **10-10-23** |  | **KOSTAS PAPAVASILIOU** | **Lecture Hall** |
| **Carcinogenicity and nuclear receptors** |  | **11-10-23****(Wednesday)** | **MICHALIS KARAMOUZIS** | **Lecture Hall** |
| **Immuno-Oncology and Cell Signaling** |  | **20-10-23** | **PANAGIOTIS SARANTIS** | **Lecture Hall** |
| **Carcinogenicity and cell signaling** | **25-10-23****(Wednesday)** |  | **MICHALIS KARAMOUZIS** | **Lecture Hall** |
| **Introduction to hormone biochemistry and the hormonal cascade system. Hormone receptors and signaling** | **31-10-23** |  | **MARIANNA DALAMAGA** | **Lecture Hall** |
| **Biochemistry of hypothalamic, pituitary and pineal hormones. Biosynthesis, Metabolic actions, Receptors and signaling** |  | **03-11-23** | **MARIA KATSIANOU** | **Lecture Hall** |
| **Adrenal hormone biochemistry. Biosynthesis. Metabolic actions. Receptors and signaling** | **07-11-23** |  | **MARIA KATSIANOU** | **Lecture Hall** |
|  **Biochemistry of steroid hormones. Biosynthesis. Metabolic actions. Receptors and signaling** |  | **10-11-23** | **MARIA KATSIANOU** | **Lecture Hall** |
| **Calcium metabolism and homeostasis. Calciotropic hormones. Metabolic actions. Receptors and signaling** | **14-11-23** |  | **MARIANNA DALAMAGA** | **Lecture Hall** |
| Obesity - Biochemical regulation of body mass - Biochemistry of adipose tissue hormones. Receptors and signaling | **21-11-23** |  | **MARIANNA DALAMAGA** | **Lecture Hall** |
| Characteristics of cancer cells |  | **24-11-23** | **PANAGIOTIS SARANTIS** | **Lecture Hall** |
| Metabolic correlations: Nutritional deprivation cycle. Mechanisms involved in the transduction of hepatic metabolism between states of good feeding and food deprivation | **28-11-23** |  | **ANTONIOS GARGALIONIS** | **Lecture Hall** |
| Metabolic correlations: Interrelationships of tissues in nutritional and hormonal states |  |  **01-12-23** | **ANTONIOS GARGALIONIS** | **Lecture Hall** |
| **Metabolic correlations: Type 1 and 2 diabetes mellitus. Hyperglycemic-hyperosmotic coma** | **05-12-23** |  | **ANTONIOS GARGALIONIS** | **Lecture Hall** |
| Metabolic correlations: Polyol Street and complications of Diabetes Mellitus | **12-12-23** |  | **ANTONIOS GARGALIONIS** | **Lecture Hall** |
| Biochemistry of thyroid hormones. Biosynthesis. Metabolic actions. Receptors and signaling |  | **15-12-23** | **EVANTHIA KASSI** | **Lecture Hall** |
| Digestion of carbohydrates, proteins and fats | **22-12-23****(Thursday)** |  | **NARJES NASIRI-ANSARI** | **Lecture Hall** |
|  Digestion of carbohydrates, proteins and fats |  | **22-12-23** | **NARJES NASIRI-ANSARI** | **Lecture Hall** |