|  | **October 2023** | | | | |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
| 1 | 2 | 3  **Clinical relevance and therapeutic targeting of DNA repair mechanisms**  **Lecturer: KOSTAS PAPAVASSILIOU** | 4 | 5 | 6  **Basic principles of regulation of the transcription of eukaryotic cells**  **Lecturer: KOSTAS PAPAVASILIOU** | 7 |
| 8 | 9 | 10  **Mechanisms of cell cycle regulation and apoptosis**  **Lecturer: KOSTAS PAPAVASILIOU** | 11  **Carcinogenicity and nuclear receptors**  **Lecturer: MICHALIS KARAMOUZIS** | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20  **Immuno-Oncology and Cell Signaling**  **Lecturer: PANAGIOTIS SARANTIS** | 21 |
| 22 | 23 | 24 | 25  **Carcinogenicity and cell signaling**  **Lecturer: MICHALIS KARAMOUZIS** | 26 | 27 | 28 |
| 29 | 30 | 31  **Introduction to hormone biochemistry and the hormonal cascade system. Hormone receptors and signaling**  **Lecturer: MARIANNA DALAMAGA** |  | | | |

|  | **November 2023** | | | | |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
|  |  |  | 1 | 2 | 3  **Biochemistry of hypothalamic, pituitary and pineal hormones. Biosynthesis, Metabolic actions, Receptors and signaling**  **Lecturer: MARIA KATSIANOU** | 4 |
| 5 | 6 | 7  **Adrenal hormone biochemistry. Biosynthesis. Metabolic actions. Receptors and signaling**  **Lecturer: MARIA KATSIANOU** | 8 | 9 | 10  **Biochemistry of steroid hormones. Biosynthesis. Metabolic actions. Receptors and signaling**  **Lecturer: MARIA KATSIANOU** | 11 |
| 12 | 13 | 14  **Calcium metabolism and homeostasis. Calciotropic hormones. Metabolic actions. Receptors and signaling**  **Lecturer: MARIANNA DALAMAGA** | 15 | 16 | 17 | 18 |
| 19 | 20 | 21  **Obesity - Biochemical regulation of body mass - Biochemistry of adipose tissue hormones.**  **Receptors and signaling**  **Lecturer: MARIANNA DALAMAGA** | 22 | 23 | 24  **Characteristics of cancer cells**  **Lecturer: PANAGIOTIS SARANTIS** | 25 |
| 26 | 27 | 28  **Metabolic correlations:**   * **Starve-feed cycle** * **Mechanisms involved in the transduction of hepatic metabolism between well-fed and fasting states.**   **Instructor: ANTONIOS GARGALIONIS** | 29 | 30 |  | |

|  | **December 2023** | | | | |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sun** | **Mon** | **Tue** | **Wed** | **Thu** | **Fri** | **Sat** |
|  |  |  |  |  | 1  **Metabolic correlations: Interrelationships of tissues in nutritional and hormonal states.**  **Lecturer: ANTONIOS GARGALIONIS** | 2 |
| 3 | 4 | 5  **Metabolic correlations: Type 1 and 2 diabetes mellitus. Hyperglycemic-hyperosmotic coma.**  **Lecturer: ANTONIOS GARGALIONIS** | 6 | 7 | 8 | 9 |
| 10 | 11 | 12  **Metabolic correlations: Polyol pathway and complications of Diabetes Mellitus**  **Instructor: ANTONIOS GARGALIONIS** | 13 | 14 | 15  **Biochemistry of thyroid hormones. Biosynthesis. Metabolic actions. Receptors and signaling**  **Lecturer: EVANTHIA KASSI** | 16 |
| 17 | 18 | 19 | 20 | 21  **Digestion of carbohydrates, proteins and fats**  **Lecturer: NARJES NASIRI-ANSARI** | 22  **Digestion of carbohydrates, proteins and fats**  **Lecturer: NARJES NASIRI-ANSARI** | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 |  | | | | | |