|  |
| --- |
| **Biochemistry of Cancers and Tumor Markers ; Spring 1400-1401, PhD course**  |
| **Date** | **Topics** | **Lecturer** |
| 30/11/1400 | General information about cancer and its importance (Prevention, diagnosis and epidemiology) | Dr. Asadi |
| 7/12/1400 | Cell cycle | Dr. Asadi |
| 14/12/1400 | Apoptosis and autophagy and their regulation | Dr. Asadi |
| 20/1/1401 | Differences and similarities between cancerous and normal cells | Dr. Asadi |
| 27/1/1401 | Classification of tumors | Dr. Jalilian |
| 10/2/1401 | The role of chemical, physical, biological and environmental risk factors in cancer | Dr. Jalilian |
| 17/2/1401 | Biochemical, molecular and cellular mechanisms of cancer | Dr. Jalilian |
| 24/2/1401 | In vivo and In vitro research in cancer study  | Dr. Jalilian |
| 31/2/1401 | Signaling pathways, receptors and transcription factors | Dr. Asadi |
| 7/3/1401 | Proto-oncogenes, oncogenes and molecular mechanisms | Dr. Mozafari |
| 21/3/1401 | Tumor suppressors and molecular mechanisms | Dr. Mozafari |
| 28/3/1401 | Angiogenesis and metastasis | Dr. Mozafari |
| 4/4/1401 | Angiogenesis and metastasis | Dr. Mozafari |
| 11/4/1401 | Tumor markers, quantitative and qulative tests and interpretation | Dr. Asadi |
| 18/4/1401 | Tumor markers, quantitative and qulative tests and interpretation | Dr. Asadi |
| 25/4/1401 | Stem cells and cancer | Dr. Asadi |
| 30/4/1401 | Genomics and proteomics in cancer diagnosis | Dr. Asadi |