

Module title: Cancer Genetics

Module Code: 2222708

Module Credit: 2

Term: Second Term 1397-98

Lecturer: Dr. M. Kordi Tamandani
Dor_kordi@yahoo.com

Lecturing time: Tue. (7:30-9:30)

Assessments: 30% mid-term exam
50% final exam
20% Seminars

Class attendance: Regular Attending is Important and Each Session Your
Attendance Will be Checked

References:

Human molecular genetics (4th Edition)

Authors: Tom Strachan, Andrew Read

**Emery & Rimoin's principles and practice of medical
genetics** (6th Edition)

Module Subjects:

1st. and 2nd. and 3rd. Week: Cancer Genetics (Chapter 17 from Human molecular genetics)

4rd. and 5th. Week: The Molecular Biology of Cancer (Chapter 17 from Emery & Rimoin's principles and practice of medical genetics)

6th. and 7th. Week: Cancer of the Kidney and Urogenital Tract (Chapter 66 from Emery & Rimoin's principles and practice of medical genetics)

8th. and 9th. Week: Cancer of the Colon and Gastrointestinal Tract (Chapter 70 from Emery & Rimoin's principles and practice of medical genetics)

10th. and 11th. Week: Thyroid Disorders (Chapter 84 from Emery & Rimoin's principles and practice of medical genetics), *Mid-term Exam*,

12th. and 13th. Week: Parathyroid Disorders (Chapter 85 from Emery & Rimoin's principles and practice of medical genetics)

14th. and 15th. Week: Primary Tumors of the Nervous System (Chapter 124 from Emery & Rimoin's principles and practice of medical genetics)

16th. Week: Review all Subjects, Preparation for *Final Term Exam*