

In the name of God

Curriculum of Medical Genetics-International dentistry Students

Ahvaz Jundishapur University of Medical Sciences

Dr. Ghandil- Dr. Tahmasebi-Birgani

Wednesday 10-12

Session	Topic	Professor
1	History on Medical Genetics	Dr. Tahmasebi
2	Mendel's Law of hereditary	Dr.Ghandil
3	Cell cycle and division	Dr. Tahmasebi
4	Genetic counseling and pedigree analysis	Dr.Ghandil
5	Mendelian inheritance : definition and example	Dr.Ghandil
6	Chromosomal Aberration and principle of cytogenetics	Dr. Tahmasebi
7	Hemoglobinopathies	Dr.Ghandil
8	Mitochondrial disorders	Dr. Tahmasebi
9	Genetics of Cancer	Dr.Ghandil
10	Congenital Abnormalities and Dysmorphic Syndromes	Dr. Tahmasebi
11	Inborn errors of Metabolism	Dr.Ghandil
12	Multifactorial inheritance	Dr. Tahmasebi
13	Principle of Gene Therapy	Dr.Ghandil
14	Applied Cytogenetics	Dr. Tahmasebi
15	Molecular diagnostic tests	Dr.Ghandil
16	Prenatal diagnosis	Dr. Tahmasebi

Reference

Emery's Elements of Medical Genetics E-Book

Book by Peter D. Turnpenny and Sian Ellard