

**Biology and genetics****Practical training - 2nd year - dentistry 2022/23**

<b>Week</b>	<b>Date</b>	<b>Subject</b>
1	6.10.22	Introduction.Mono and dihybridism, phenotypic ratios. Genetics of ABO, MN and Rh systems.
2	13.10.22	Genealogy, pedigree chart, types of inheritance in pedigrees, examples of monogenic disorders in men
3	20.10.22	Mitosis, human karyotype, cytogenetic analysis.
4	27.10.22	Meiotic division, chromosome segregation,non-disjunction
5	3.11.22	Numeric and structural chromosomal aberrations-syndromes.
6	10.11.22	Gene linkage.
7	<b>17.11.22</b>	<b>Public holiday</b>
8	24.11.22	Gene interaction, polygenic inheritance.
9	1.12.22	Molecular genetics I.
10	8.12.22	Molecular genetics II. Examples of DNA diagnostics.
11	15.12.22	Population genetics, CHW formula, small population, genetic drift.
12	22.12.22	Immunogenetics, transplantation principles,genetics of HLA and Rh systems.
13	5.1.23	Examples of familial tumors,molecular genetics of oncogenes and tumor suppressor genes
14	12.1.23	Principles of genetic consultation, risk assessment, indications of preventive methods
15	19.1.23	<b>Credits.</b> Consultations.