

口腔感染症学実習Ⅱ

Oral infectious diseases lab class II

担当教員 Instructors

教授:	浜田信城
准教授:	
講師:	渡辺清子
助教:	佐藤武則
Professor:	Nobushiro Hamada
Associate Professor:	
Lecturer:	Kiyoko Watanabe
Assistant Professor:	Takenori Sato

授業区分/単位数 Course category/Units

授業区分/単位数	コア科目	4単位
Course category/Units	Core	4 units

開講学期/週当時間(コマ)数 Semester

後期/週8時間(4コマ)
Second semester/8 hours per week (4 classes)
This course meets for four 2-hour sessions per week. There are a total of 60 sessions.

目標 Objectives

微生物の増殖、培地、細菌の分裂、微生物増殖段階と増殖測定法を理解する。

This course aims to understand the physical and chemical requirements for microbial growth, the various kinds of culture media, bacterial division, the phases of microbial growth and the methods of measuring microbial growth.

講義内容 Contents of Course

細菌培養についての実習を行う。(細菌の培養の為に液体培地と固形培地を作製。細菌の分離と維持、画線塗抹と段階希釈法、細菌の保存、純培養、発育増殖曲線、顕微鏡観察、グラム染色)

Training on bacterial cultivation. (Preparation of liquid and solid media for growth of microorganism, Isolation and maintenance of organism by plating, Streaking and serial dilution methods, Storage of microorganism, Isolation of pure cultures, Growth curve, Microscopic examination of bacteria, Gram stain)

参考書 Recommended reference books and/or readings

口腔微生物学 -感染と免疫- 第4版(学建書院) 小川和彦 他編著
戸田新細菌学 第34版(南山堂) 吉田眞一、柳 雄介、吉開泰信 編
Oral Microbiology and Immunology (American Society for Microbiology): Lamont et al.

成績評価の方法 Grading System

口頭試問 100%
Oral examination, 100%

履修に当たっての留意点 Course requirement

特になし
None