Visiting Professor Program
Academic year 2022/2023

TEACHING COMMITMENT: 22 hours

COURSE TITLE
Cardiovascular Pharmacology

TEACHING PERIOD
2nd term

SCIENTIFIC AREA
Cardiovascular disease

LANGUAGE USED TO TEACH
English

COURSE SUMMARY
The course will aim to extend student’s knowledge and understanding of cardiovascular pharmacology as applied to ‘real-world’ (individual and patient/lifestyle based) in an internal medicine context.


CVS case-learning: students were given CVS cases, and asked to present the pathophysiology, tests need to be ordered to aetiology, and treatment. Cases included heart failure, angina, myocardial infarction, arrhythmia, and hypertension.

LEARNING OBJECTIVES
At the end of this rotation the student will be able to:
1. Describe and assess the molecular and cellular actions of drugs that affect the cardiovascular system;
2. Classify the major cardiovascular drugs in current use by their actions at a cellular and molecular level;
3. Evaluate the pharmacological basis for the treatment of major cardiovascular diseases and appreciate the common side effects that these drugs can produce;
4. Have knowledge of new and emerging pharmacological treatments for cardiovascular disease;
5. Establish protocols for the consistent application of current practice guidelines for the treatment of common cardiovascular conditions.

**TUTORSHIP ACTIVITIES**
N/A

**LAB ACTIVITIES**
N/A

**OTHER ACTIVITIES BESIDES THE COURSE**
Seminars to research fellows

**ADDITIONAL COURSE**

**COURSE TITLE**
Cardiovascular disease: from bench to bedside

**TEACHING PERIOD**
2nd term

**SCIENTIFIC AREA**
Fisiopatologia medica

**LANGUAGE USED TO TEACH**
English

**COURSE SUMMARY**

Preclinical models of different cardiovascular diseases.

**LEARNING OBJECTIVES**
1. Describe and assess the molecular and cellular actions of drugs that affect the cardiovascular system.
2. Describe different models of diseases involving the cardiovascular system
TUTORSHIP ACTIVITIES
N/A

LAB ACTIVITIES
Show the methodology to perform treatment in preclinical model of cardiovascular diseases

OTHER ACTIVITIES BESIDES THE COURSE
Dissemination conferences

VISITING PROFESSOR PROFILE
The candidate needs to have extensive experience in clinical pharmacology and molecular techniques applied to internal medicine setting. The candidate has to demonstrate extensive teaching experiences in official University Courses, either by official teaching courses or by Lectures. The candidate needs to possess a strong background and leadership within clinical pharmacology in internal medicine setting.

CONTACT PERSON AT THE DEPARTMENT
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