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TM17\_DIP\_MED

## **Teach Mob – Visiting Professors**

### **Academic year 2016/2017**

| 2 <sup>nd</sup> Term  |
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| <b>COURSE TITLE</b><br>Internal Medicine (mainly focused on Cardiovascular Pharmacology)  |
| <b>Scientific area</b><br>Internal Medicine   |
| <b>Department of Medical Sciences</b>   |
| <b>Language used to teach: English</b>  |
| <b>Teaching Commitment: 16 hours</b>  |
| <p><b>Course summary</b></p> <p>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.</p> <p>Cardiovascular Pharmacology: Preview of CVS physiology 2-hour-lecture before the beginning of CVS pharmacology. Cardiovascular system and its diseases. Hypertension (etiology, treatment). Myocardial ischemia (aetiology, treatment symptomatic, treatment prophylactic, new concepts). Heart failure (aetiology, treatment for acute heart failure, treatment for chronic heart failure). Cardiac arrhythmias (aetiology, treatment)</p> <p><b>CVS case-learning:</b> 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.</p> |
| <p><b>Learning objectives</b></p> <p>At the end of this rotation the student will be able to:</p> <ol style="list-style-type: none"> <li>1. Describe and assess the molecular and cellular actions of drugs that affect the cardiovascular system.</li> <li>2. Classify the major cardiovascular drugs in current use by their actions at a cellular and molecular level.</li> <li>3. Evaluate the pharmacological basis for the treatment of major cardiovascular diseases and appreciate the common side effects that these drugs can produce</li> <li>4. Have knowledge of new and emerging pharmacological treatments for cardiovascular disease.</li> <li>5. Establish protocols for the consistent application of current practice guidelines for the treatment of common cardiovascular conditions.</li> </ol>   |
| <b>Tutorship activities</b>   |
| <b>Lab activities</b>   |
| <p><b>Other activities besides the course: i.e. seminars and conferences addressed to PhD students and research fellows, dissemination conferences</b></p> <p>She will be involved in seminars to PhD students and research fellows on her specific expertises in preclinical models of ischemia-reperfusion of the heart.</p>  |

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| <p><b>Visiting Professor Profile</b></p> <p>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</p> |
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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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