

FAF807 – LECTURES ON DRUG DESIGN

PROFESSOR

Prof. Dr. Vinícius Gonçalves Maltarollo (coordinator)

Prof. Dr. Renata Barbosa de Oliveira

Level: Master and Doctorate

Optional Concentration Area

Hours: 30 hours (theoretical)

Number of Credits: 02

Prerequisite: There is no

INTRODUCTION AND OBJECTIVES

The main goal of this course is to read, understand and present in English language the content of recent and relevant scientific papers covering all aspects of drug design process. In this sense, topics as traditional medicinal chemistry pipeline involving molecular modification strategy, computer-aided drug design, structure-based drug design, fragment-based drug design, virtual screening, and others will be covered.