

CH-602

Basic principles of drug action at the cardiovascular system

Diviani Dario, Hummler Beermann Edith, Kellenberger Stephan Beat

Cursus	Sem.	Type
Chemistry and Chemical Engineering		Obl.

Language of teaching	English
Credits	1
Session	
Exam	Written
Workload	30h
Hours	14
Courses	14
Number of positions	

Frequency

Every year

Remark

Next time: Spring 2020

Summary

The aim of this course is two-fold: - to describe the molecular properties of some important drug targets - to illustrate some applications of drugs active at the nervous and cardiovascular systems.

Content

Basic principles of drug action at the cardiovascular system

- 1) Pharmacology of the cholinergic and adrenergic system
- 2) Molecular pharmacology of G protein-coupled receptors
- 3) Molecular pharmacology of ion channels
- 4) Anti-coagulant and lipid lowering drugs
- 5) Pharmacology of heart failure

Note**Spring every year (spread dates in March-April)**

The students need to be present at least during 6 of the 7 two-hour of the class.

Keywords

drug action

Assessment methods

written exam