

CH-602

**Basic principles of drug action at the cardiovascular system**

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| Cursus                             | Sem. | Type |
|------------------------------------|------|------|
| Chemistry and Chemical Engineering |      | Opt. |

|                      |         |
|----------------------|---------|
| Language of teaching | English |
| Credits              | 1       |
| Session              |         |
| Exam                 | Written |
| Workload             | 30h     |
| Hours                | 14      |
| Courses              | 14      |
| Number of positions  | 15      |

**Frequency**

Every year

**Remark**

Next time Spring 2022

**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. Molecular pharmacology of ion channels
2. Pharmacology of the autonomous nervous system
3. Pharmacology of the autonomous nervous system II
4. Pharmacology of hemostasis and thrombosis
5. Cardiac insufficiency
6. Lipid-lowering drugs
7. Cardiac toxicity of drugs

**Keywords**

drug action

**Assessment methods**

2021: Written research report on a topic chosen by the teacher