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

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<thead>
<tr>
<th>Cursus</th>
<th>Sem.</th>
<th>Type</th>
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<tbody>
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<td>Chimie et génie chimique</td>
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<td>Obl.</td>
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**Frequency**

Every year

**Remarque**

Next time: Spring 2019

**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