## Module title

**Practical Course in Pharmacology and Toxicology**

### Abbreviation

03-98-PPT-152-m01

## Module coordinator

holder of the Chair of Pharmacology and Toxicology

## Module offered by

Faculty of Medicine

## ECTS

5

## Method of grading

Numerical grade

## Only after successful completion of module(s)

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## Duration

1 semester

## Module level

Undergraduate

## Other prerequisites

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## Contents

Fundamental pharmacological and toxicological techniques: membrane preparation, radioligand binding, pharmacology of the heart, cell culture and transfection, assessment of DNA damage by micro adducts, comet-assay etc.

## Intended learning outcomes

At the end of the course, students will be able to perform routine pharmacological and toxicological techniques. They will also be able to perform microscopic analyses of samples, the functional characterisation of selected target proteins and cell toxicity analyses.

## Courses

P (3) + S (1)

Module taught in: German / English

## Method of assessment

Presentation of practical work (approx. 30 minutes) and application (preparing a scientific publication; approx. 1.5 hours), weighted 7:3

## Allocation of places

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## Additional information

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## Referred to in LPO I

(examination regulations for teaching-degree programmes)

## Module appears in

- Bachelor' degree (1 major) Biomedicine (2015)
- Bachelor' degree (1 major) Biomedicine (2018)