## Module title

Molecular biology methods

### Abbreviation

03-EM-MP-132-m01

## Module coordinator

Institute of Hygiene and Microbiology / RVZ

## Module offered by

Faculty of Medicine

## ECTS

15

## Method of grading

numerical grade

## Only after succ. compl. of module(s)

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## Duration

1 semester

## Module level

graduate

## Other prerequisites

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## Contents

Students complete a four-week, full-time molecular biology basic lab course with a focus on DNA, RNA, bioinformatics, proteins, cell biology, microscopy in theory as well as practical exercises.

## Intended learning outcomes

The students have developed a deep knowledge of fundamental analysis/investigative methods of molecular and cell biology. They are able to discuss their results.

## Courses

P (no information on SWS (weekly contact hours) and course language available)

## Method of assessment

lab course assessment part I: written elaboration of lab reports (approx. 10 to 20 pages); lab course assessment part II: presentation (20 minutes) and/or written examination (30 minutes, including multiple choice questions)

## 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

Master’s degree (1 major) Experimental medicine (2013)