## Module title

**Introduction to Methods in Experimental Biomedicine**  
03-98-RVZ-202-m01

## Module coordinator
holder of the Chair of Experimental Biomedicine

## Module offered by
Faculty of Biology

## ECTS
5

## Method of grading
numerical grade

## Only after succ. compl. of module(s)
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## Duration
1 semester

## Module level
undergraduate

## Other prerequisites
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## Contents
Fundamental knowledge and analytical approaches of experimental biomedicine are taught based on selected questions of platelet physiology and megakaryopoiesis. Emphasis is put on the generation and use of antibodies. Transgenic mouse models are used to elucidate the interplay underlying (patho-)physiological processes.

## Intended learning outcomes
Students have developed the ability to approach, analyse and interpret experimental data obtained with the help of monoclonal antibodies, in particular in the field of platelet physiology. They also have developed skills in experimental design, bench work, data analysis and the interpretation of scientific literature as well as the presentation of scientific results in English.

## Courses
(type, number of weekly contact hours, language — if other than German)

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<thead>
<tr>
<th>Type</th>
<th>Number of weekly contact hours</th>
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Module taught in: German / English

## Method of assessment
(type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)

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<tr>
<th>Type</th>
<th>Scope</th>
<th>Language</th>
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<tr>
<td>a)</td>
<td>Written examination (45 to 90 minutes)</td>
<td>German and/or English</td>
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<td>b)</td>
<td>Log (5 to 10 pages)</td>
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<td>b)</td>
<td>oral examination of one candidate each (20 to 30 minutes)</td>
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Language of assessment: German and/or English

## Allocation of places
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## Additional information
Duration: 2 weeks

## Referred to in LPO I
(examination regulations for teaching-degree programmes)

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## Module appears in
Bachelor’ degree (1 major) Biomedicine (2020)