## Module title
**Methods in Molecular Biology**

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>03-EM-MP-152-m01</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Module coordinator</strong></td>
<td>Institute of Hygiene and Microbiology / RVZ</td>
</tr>
<tr>
<td><strong>Module offered by</strong></td>
<td>Faculty of Medicine</td>
</tr>
<tr>
<td><strong>ECTS</strong></td>
<td>10</td>
</tr>
<tr>
<td><strong>Method of grading</strong></td>
<td>Only after succ. compl. of module(s)</td>
</tr>
<tr>
<td><strong>Duration</strong></td>
<td>numerical grade</td>
</tr>
<tr>
<td><strong>Module level</strong></td>
<td>graduate</td>
</tr>
<tr>
<td><strong>Other prerequisites</strong></td>
<td>--</td>
</tr>
</tbody>
</table>

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

P (10)

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

Part I: elaboration of logs (approx. 10 to 20 pages). Part II: a) oral examination of one candidate each (20 to 30 minutes) or b) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or c) presentation (20 to 30 minutes).

Students will be informed about the type and length of assessment at the beginning of the course.

Language of assessment: German and/or English

### Allocation of places
--

### Additional information
--

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

--

### Module appears in
Master’s degree (1 major) Experimental medicine (2015)