**Module title**  
Molecular Tumor Biology

**Abbreviation**  
03-MTUB-092-m01

<table>
<thead>
<tr>
<th><strong>Module coordinator</strong></th>
<th>holder of the Chair of Physiological Chemistry</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Module offered by</strong></td>
<td>Faculty of Medicine</td>
</tr>
<tr>
<td><strong>ECTS</strong></td>
<td>5</td>
</tr>
<tr>
<td><strong>Method of grading</strong></td>
<td>numerical grade</td>
</tr>
<tr>
<td><strong>Duration</strong></td>
<td>1 semester</td>
</tr>
<tr>
<td><strong>Module level</strong></td>
<td>undergraduate</td>
</tr>
<tr>
<td><strong>Other prerequisites</strong></td>
<td>--</td>
</tr>
</tbody>
</table>

### Contents

Practical introduction to model systems (cell culture, animal models) and experimental methods of molecular tumor research. Reading and presentation of original research articles.

### Intended learning outcomes

Students are familiar with tumor models and experimental techniques in molecular cancer research, and they are able to apply this knowledge in practice.

### Courses

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

### Method of assessment

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

a) written examination (approx. 60 to 90 minutes) or b) log (approx. 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (groups of 2: approx. 30 minutes, groups of 3: approx. 40 minutes) or d) presentation (approx. 30 minutes). Students will be informed about the method and length of the assessment prior to the course. 

Assessment offered: once a year, winter semester

Language of assessment: German, English

### Allocation of places

Number of places: 12. Selection process Biochemie (Biochemistry) Bachelor’s: Should the number of applications exceed the number of available places, places will be allocated according to the following quotas: Quota 1 (two thirds of places): current average grade of successfully completed modules; among applicants with the same average grade, places will be allocated by lot. Quota 2 (one third of places): number of subject semesters of the respective applicant; among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated as they become available. Selection process Biochemie (Biochemistry) Master’s: allocation by lot.

### Additional information

---

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

---

**Module appears in**

Bachelor’ degree (1 major) Biochemistry (2011)  
Bachelor’ degree (1 major) Biochemistry (2009)  
Master’s degree (1 major) Biochemistry (2012)  

---