

<b>Module title</b>		<b>Abbreviation</b>
Cellular tumour biology 1		03-5S2ZT-092-m01
<b>Module coordinator</b>		<b>Module offered by</b>
Chair of Rudolf Virchow Center for Experimental Biomedicine		Faculty of Medicine
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
10	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	--
<b>Contents</b>		
Using specific examples and applying both biochemical analytical procedures and imaging techniques, this module will provide students with fundamental insights into cellular tumour biology and will acquaint them with the approaches of cellular tumour biology. With the help of selected examples, the module will explain fundamental causal relationships and approaches.		
<b>Intended learning outcomes</b>		
Students have developed the ability to approach, analyse and critically interpret general problems in tumour biology based on individually assigned tasks, using techniques of modern cell biology and, in particular, imaging methods. They also have developed skills in experimental design, bench work, data analysis and the presentation of scientific results.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
This module comprises 2 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none"> <li>• 03-5S2ZT-1ZT-092: Ü (no information on SWS (weekly contact hours) and course language available)</li> <li>• 03-5S2ZT-2T-092: S (no information on SWS (weekly contact hours) and course language available)</li> </ul>		
<b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.		
<b>Assessment in module component 03-5S2ZT-1ZT-092:</b> Cellular tumour biology 1 (laboratory course) <ul style="list-style-type: none"> <li>• 9 ECTS, Method of grading: numerical grade</li> <li>• a) written examination (approx. 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (approx. 30 minutes) or d) oral examination in groups (groups of 2 or 3 candidates, approx. 60 minutes) or e) presentation (approx. 20 to 30 minutes)</li> <li>• Language of assessment: German, English</li> </ul>		
<b>Assessment in module component 03-5S2ZT-2T-092:</b> Cellular tumour biology 1 - Current topics in tumour biology (seminar) <ul style="list-style-type: none"> <li>• 1 ECTS, Method of grading: (not) successfully completed</li> <li>• presentation (approx. 20 to 30 minutes)</li> <li>• Language of assessment: German, English where required</li> </ul>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
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**Teaching cycle**

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

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**Module appears in**

Bachelor' degree (1 major) Biology (2007)