### Module title
Physiological Chemistry II

### Abbreviation
03-5S2PC-092-m01

### Module coordinator
holders of the Chairs of Physiological Chemistry, Developmental Biochemistry, Biochemistry and Molecular Biology

### Module offered by
Faculty of Medicine

### ECTS
10

### 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
Fundamentals and analytical approaches of physiological chemistry are taught based on selected questions from human biochemistry. Physiological processes are compared with examples of pathological aberrations. Molecular genetic and functional biochemical networks are presented using examples from developmental biochemistry, pathobiochemistry and cellular biochemistry.

### Intended learning outcomes
Students have developed the ability to approach, analyse and interpret general problems in physiological chemistry based on individually assigned tasks, using techniques of modern molecular biology and biochemistry. They also have developed skills in experimental design, bench work, data analysis and the presentation of scientific results.

### Courses
This module comprises 2 module components. Information on courses will be listed separately for each module component.

- **03-5S2PC-1HB1-092**: Ü (no information on SWS (weekly contact hours) and course language available)
- **03-5S2PC-2HB-092**: S (no information on SWS (weekly contact hours) and course language available)

### Method of assessment
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.

#### Assessment in module component 03-5S2PC-1HB1-092: Physiological chemistry 2 - Human biochemistry (laboratory course)
- 9 ECTS, Method of grading: numerical grade
- 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)
- Language of assessment: German, English

#### Assessment in module component 03-5S2PC-2HB-092: Physiological chemistry 2 - Seminar on human biochemistry 1
- 1 ECTS, Method of grading: (not) successfully completed
- presentation (approx. 20 to 30 minutes)

### Allocation of places
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### Additional information
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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)