### Module title
Pathophysiology and pathobiochemistry with clinical demonstrations for students of biomedicine

### Abbreviation
03-98-PPC-092-m01

### Module coordinator
holder of the Professorship Clinical Biochemistry at the Rudolf Virchow Center for Experimental Biomedicine

### Module offered by
Faculty of Medicine

### ECTS
<table>
<thead>
<tr>
<th>Method of grading</th>
<th>Only after succ. compl. of module(s)</th>
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<tbody>
<tr>
<td>5</td>
<td>numerical grade</td>
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### Numerical grade
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### Duration
1 semester

### Module level
undergraduate

### Other prerequisites
Admission prerequisite to assessment: regular attendance of clinical demonstrations as specified at the beginning of the course.

### Contents
The lecture series will cover the pathobiochemistry and pathophysiology of selected diseases from nephrology, cardiology, endocrinology, pneumology, psychiatry and aspects of clinical molecular biology. The focus is on the biochemical and molecular causes of these diseases and the challenges for respective clinical diagnosis, treatment and translational research.

### Intended learning outcomes
Students gain an understanding of how knowledge of pathobiochemical and pathophysiological disease processes translates into clinical diagnosis and treatment.

### Courses
V + V (no information on SWS (weekly contact hours) and course language available)

### Method of assessment
methods of assessment: a) written examination (45 to 60 minutes) or b) log (10 to 20 pages) or c) oral examination of one candidate each (approx. 20 minutes) or d) oral examination in groups of up to 3 candidates (approx. 15 minutes per candidate) or e) presentation (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)

### Module appears in
Bachelor' degree (1 major) Biomedicine (2009)
Bachelor' degree (1 major) Biomedicine (2013)