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| Module title | | Abbreviation |
| Clinical Biochemistry /Laboratory Medicine 2 | | 03-6S3KB-092-m01 |
| Module coordinator | | Module offered by |
| holder of the Chair of Biochemistry | | Faculty of Medicine |
| ECTS | Method of grading | Only after succ. compl. of module(s) |
| 15 | numerical grade | -- |
| Duration | Module level | Other prerequisites |
| 1 semester | undergraduate | -- |
| Contents | | |
| Basic research practice and analytical approaches that are used in clinical biochemistry II are presented by means of selected examples. Pathological mechanisms are compared to the respective regular physiological processes (e. g. thrombocyte function, cardiovascular transformation). Molecular genetic and functional biochemical networks are presented using examples from pathobiochemistry and cellular biochemistry. | | |
| Intended learning outcomes | | |
| Students have developed a fundamental knowledge of techniques and approaches that are commonly used in modern molecular biology and biochemistry and have developed a fundamental understanding of how to approach, analyse and interpret problems in clinical biochemistry. They also have developed skills in experimental design, bench work, data analysis and the presentation of scientific results both orally and in writing. | | |
| Courses (type, number of weekly contact hours, language – if other than German) | | |
| V + Ü (no information on SWS (weekly contact hours) and course language available) | | |
| Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus) | | |
| 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 up to 3 candidates, approx. 60 minutes) or e) presentation (approx. 20 to 30 minutes) | | |
| Allocation of places | | |
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| Additional information | | |
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| Workload | | |
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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) | | |