**Course Title:** Laboratory Diagnostics

**Coordinator /contact:** Prof. Bogdan Solnica / [bogdan.solnica@uj.edu.pl](mailto:bogdan.solnica@uj.edu.pl)

**Responsible person/contact:** Prof. Iwona Wybrańska / [mbwybran@cyf-kr.edu.pl](mailto:mbwybran@cyf-kr.edu.pl)

**Address:** Department of Clinical Biochemistry, 15A Kopernika Str.

**Year: 3-6**

**Total number of hours: 30**

Lectures: -u

Seminars: 30

Labs/Practicals: 1

Others (e.g. recitation): -

Exams: 2

**Conduct/Dress Code:** -

**Student’s Evaluation:**

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| * credit requirements: | | | | | passed final exam | | | |
| * attendance requirements: | | | | | all the seminars; one absence allowed, more than one requires excuse | | | |
| * type of the final exam: | | | | | single choice test (minimum 60% correct answers required to pass) | | | |
| * retake information: | | | | | oral exam scheduled individually | | | |
|  | | Day | Time | Type  of classes | No of hrs | | Group | Topic | Lecturer | | Place |
| week 1  October 1-5 | | Mon | 8.30-10.00 | sem | 2 | | I | Laboratory tests in the diagnostic process | Prof. Bogdan Solnica | | LH D, 16 Łazarza Str. |
| week 2  October 8-12 | | Mon | 8.30-10.00 | sem | 2 | | I | Clinical biochemistry of lipid metabolism disorders | Prof. Małgorzata Malczewska-Malec | | LH D, 16 Łazarza Str. |
| week 3  October 15-19 | | Mon | 8.30-10.00 | sem | 2 | | I | Laboratory diagnostics of infertility. Pregnancy monitoring. | Dr Joanna Góralska | | LH D, 16 Łazarza Str. |
| week 4  October 22-26 | | Mon | 8.30-10.00 | sem | 2 | | I | Clinical biochemistry of immunity disorders | Prof. Bogdan Solnica | | LH D, 16 Łazarza Str. |
| week 5  October 29- November 2 | | Mon | 8.30-10.00 | sem | 2 | | I | Laboratory diagnostics of cardio-vascular diseases | Prof. Małgorzata Malczewska-Malec | | LH D, 16 Łazarza Str. |
| week 6  November 5-9 | | Mon | 8.30-10.00 | sem | 2 | | I | Laboratory diagnostics in hematology | Prof. Iwona Wybrańska | | LH D, 16 Łazarza Str. |
| week 7  November 12-16 | | Mon | 8.30-10.00 | sem | 2 | | I | Laboratory diagnostics of of kidney diseases, water-electrolytes and acid-base disorders | Prof. Bogdan Solnica | | LH D, 16 Łazarza Str. |
| week 8  November 19-23 | | Mon | 8.30-10.00 | sem | 2 | | I | Laboratory diagnostics of coagulation disorders; anticoagulant therapy monitoring | Prof. Iwona Wybrańska | | LH D, 16 Łazarza Str. |
| week 9 November 26-30 | | Mon | 8.30-10.00 | sem | 2 | | I | Laboratory diagnostics in endocrinology | Prof. Małgorzata Malczewska-Malec | | LH D, 16 Łazarza Str. |
| week 10  December 3-7 | | Mon | 8.30-10.00 | sem | 2 | | I | Laboratory diagnostics of gastrointestinal tract, liver and pancreas diseases | Prof. Iwona Wybrańska | | LH D, 16 Łazarza Str. |
| week 11  December 10-14 | | Mon | 8.30-10.00 | sem | 2 | | I | Clinical biochemistry of calcium phosphate metabolism disorders | Prof. Iwona Wybrańska | | LH D, 16 Łazarza Str. |
| week 12  January 7-11 | | Mon | 8.30-10.00 | sem | 2 | | I | Clinical biochemistry of of metabolic syndrome and diabetes | Prof. Małgorzata Malczewska-Malec | | LH D, 16 Łazarza Str. |
| week 13  January 14-18 | | Mon | 8.30-10.00 | sem | 2 | | I | Molecular diagnostics of hereditary and complex diseases | Prof. Iwona Wybrańska | | LH D, 16 Łazarza Str. |
| week 14  January 21-25 | | Mon | 8.30-10.00 | sem | 2 | | I | Systems’ biology in laboratory diagnostics. | Prof. Iwona Wybrańska | | LH D, 16 Łazarza Str. |
| week 15  January 28-February 1 | | Mon | 8.30-10.00 | sem | 2 | | I | Laboratory diagnostics of malignancies; tumor markers | Dr Barbara Zapała | | LH D, 16 Łazarza Str. |
| week 15  January 28-February 1 | | **???** | 8.30-10.00 | test | 2 | | I | Exam | Prof. Iwona Wybrańska | | LH D, 16 Łazarza Str. |

**Organization of work in the clinical laboratory** trainings will be conducted in groups consisted of 11 students according to following scheme:

Meeting point Department of Diagnostics, 15a Kopernika Str. (ground floor)

* The visit in the lab will take 45 min. Lecturer: Prof. Beata Kusnierz-Cabala

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| Group | List of students | Date, Time |
| Ia,b |  | Thu, October 11, 8.30-9.30. |
| Ic,d |  | Thu, October 18, 8.30-9.30. |