Learning objectives – mandatory

The fulfilled and assessed learning objectives must be marked by the student with an x.
The assessment can be performed by the mentor in three ways: direct observation of the student during performance of a clinical activity (see page ii), CPY task (see page P4-P6), Mini-CEX/DOPS (see page v-vi). At the end of completion of the CPY tertial in the respective department, fulfilment of the learning objectives must be signed off by the mentor.

Competence	Objectives completed
Pre-analysis	
1. Assessment of suitable immunodiagnostic tests for clinical questions	○
2. Recognition and avoidance of significant pre-analytic errors	○
3. Knowledge of the appropriate test material for individual laboratory analyses	○
Analysis – performance of assay methods	
4. Indication and practical experience in the use of immunodiagnostic methods in at least one of the following areas of immunology (optionally the methods can also be performed by the student him/herself under supervision): Auto-immunodiagnostics, assessment of immune deficiencies, allergy diagnosis, assessment of inflammatory reactions, cellular typing of leukaemias and lymphomas	○
5. Leukocyte typing using flow cytometry	○
6. Performance of immunoassays to determine autoantibodies	○
Interpretation of findings	
7. Evaluation and interpretation of test results in at least one of the following areas of immunology including a summary of the most important features for diagnosis and differential diagnosis and possibly indication for further laboratory analyses: Auto-immunodiagnostics, assessment of immune deficiencies, allergy diagnosis, assessment of inflammatory reactions, cellular typing of leukaemias and lymphomas	○
8. Evaluation of leukocyte typing	○
Communication with patient/team	
9. Communication with other healthcare professionals in the laboratory team, e.g. for coordinating the testing sequence in the diagnostic process or for clarifying implausible test results etc.	○
10. Communication with clinical senders, e.g. in the case of uncertainty regarding the indication for referral or for transmission or discussion of test results etc.	○
11. Participation in case reviews	○
12. Presentation of diagnostic cases	○

Competence

	Objectives completed
Documentation	
13. Basic understanding of automation processes in the laboratory	○
14. Basic understanding of the technical and medical validation of test results	○
15. Basic understanding of the laboratory information system	○
16. Knowledge and use of instruments of quality management	○
17. Documentation of test results	○
18. Understanding and use of measures for the evaluation of a laboratory test in terms of its sensitivity, specificity, precision, accuracy and positive/negative predictive value	○
19. Basic understanding necessary to define reference ranges and cut-off	○
Verified by mentor	

Learning objectives – optional

In addition to the competences that are mandatory to achieve, optional competences from the training progammes may also be acquired.

Competence as per training programme	Objectives completed
	○
	○
	○
	○
	○
	○
	○
	○
	○
	○
Verified by mentor	