

Criteria necessary for accreditation of the subject “Immunology”

- 1) Mandatory classes:
 - clinical immunology/rheumatology class, 9th semester, date depending on elected group
- 2) Concordant class
 - Lecture clinical immunology/rheumatology, 8th semester, Wed. 1-2:30 pm
 - Lecture transfusion medicine, 8th semester, Tues. 11:30 am-12:15 pm
- 3) Seminar
 - Internet based cases (e-learning), 8th semester
- 4) Record of achievement:
 - Requirement for the exam is a successful completion of 10 E-learning cases
 - Multiple choice exam at the end of the 8th semester
 - Subject accreditation after the class in the 9th semester
- 5) Learning objective Rheumatology and clinical immunology
 - Knowledge of immunologic fundamentals
Congenital and acquired immunity
Types of immune responses
Activation of autoimmunity
Immunological test techniques
 - Evaluation parameter in rheumatology
History, rheumatologic/ orthopedic examination techniques, specific lab tests incl. autoantibodies and autoimmune serology, imaging, important activity indexes, function questionnaires
 - Frequent rheumatologic disorders
Rheumatoid Arthritis, axial Spondyloarthritis, Psoriatic arthritis, Systemic Lupus Erythematosus, Systemic Sclerosis, Sjögren’s Syndrome, Vasculitides (ANCA-associated, large vessel vasculitides), Reactive Arthritis, Gout, Myositides, Osteoarthritis, Septic Arthritis
 - Disorders seen in clinical immunology and allergology
Congenital and acquired immune deficiencies, hypersensibility (Type I-IV)
 - Treatment strategies
Pharmacotherapy: immunosuppressives, disease modifying antirheumatic drugs (DMARDs), Biologicals (cell- and cytokine oriented), conservative and operative treatment of arthropathies

- Problem management
Comorbidities, infections, long-term treatment, therapy-associated side effects