|  |  |  |
| --- | --- | --- |
| **Date** | **Lectures** | **Practical lessons** |
| **09-13.10.23** | T immune response (cellular) – stages, TL activation by APC, consequences of TL activation, TL differentiation, T effector mechanisms (Th, Tc) and pathophysiological highlights of their dysfunction. | MHC-I and MHC-II functionality and their cellular support. Their role in the processing of intracellular and extracellular Ag.  |
| **16-20.10.23** | Immune response B (humoral) – stages, activation of BL, humoral immune response to T-independent and T-dependent Ag, effector mechanisms and pathophysiological landmarks of highlights of their dysfunction. | T immune response (cellular) – stages, TL activation by APC, consequences of TL activation, TL differentiation, T effector mechanisms (Th, Tc). |
| **23-27.10.23** | Central and peripheral immune tolerance and pathophysiological highlights of their dysfunction. | Immune response B (humoral) – stages, activation of BL, humoral immune response to Ag T-independent and T-dependent, effector mechanisms. |
| **30-03.11.23** | Complement system: organization, activation, patterns of participation in the immune response and pathophysiological highlights of its dysfunction. | Central and peripheral immune tolerance. Negative selection, apoptosis.  |
| **06-10.11.23** | Presentation and recognition of antigens. Type I (MHC-I) and Type II (MHC-II) major histocompatibility complexes. Antigen presenting cells (APC). | Types of complement activation. Effects: C3b, C3a, C5a. MAC entity – membrane attack complex. **Attestation**  |
|  |  |  |