**Methodical recommendations for individual work of students (IWS)**

**in the discipline "Tissues pathology"**

**Methodical recommendations on each IWS will be uploaded or explained after lecture on the week according to the calendar (schedule) the implementation of the course content.**

**The forms of the tasks will be reports, presentations or individual/group projects.**

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| Topic/task of IWS |
| **IWS 1.** Cellular origin, clonal analysis; Using CreER for Line Analysis |
| **IWS 2**. Animal experiments with vaccination |
| **IWS 3** Genitourinary system |
| **IWS 4.** Cell differentiation in the pancreas; Cellular differentiation in the intestine; Cellular differentiation in the liver |
| **IWS 5** Spermatogenesis and oogenesis |
| **IWS 6** Non-invasive imaging in stem cell therapy: current status and future prospects |