##### Faculty of Medicine, Medical Direction, Second year

##### Basic of Clinical Genetics (LECTURES) 2022/2023

**Monday 08.00 – 09.30**

**classroom 31, Skłodowskiej 9**

**(week 1-8)**

1. Down syndrome as an example of genotype – phenotype correlation. Rare diseases. **10.10.2022 OH**
2. Monogenic diseases. **17.10.2022 AJC**
3. Parental imprinting. Uniparental disomy (UPD). **24.10.2022 OH**
4. Sex determination and diagnostics. **07.11.2022 MP**
5. Genetic counseling **14.11.202.2 MP**
6. Genetic basis of cancer (part I). **21.11.2022 OH**
7. Genetic basis of cancer (part II). **28.11.2022 OH**
8. Mechanism of ageing **05.12.2022 OH**

**The order of topics may be changed.**

**Basic literature:**

1. Tobias E.S., Connor M., Ferguson - Smith M.: Medical Genetics. 6th Edition. Wiley-Blackwell 2011.
2. Jorde L.B., Carey J.C., Bamshad M.J.: Medical Genetics. 5th Edition. Elsevier 2015.

**Complementary literature:**

1. Lupski J.R., Stankiewicz P.: Genomic Disorders. Humana Press Inc. 2006.
2. Richards J.E., Hawley R.S.: The Human Genome. A User's Guide. Elsevier 2011.
3. Strachan T., Read A.: Human Molecular Genetics. 5th Edition. Garland Science 2011.