

**Biostatistics
Molecular Biology
spring semester**

Week	Date	Title	Lecturer
4	6 of March (Thursday) 10:00-12:00 LC1.05	Set theory. Random events. Conditional probability, marginalization. Independent events. Descriptive statistics.	dr. Fazekas Zsolt/Bilakovics Noémi
5	13 of March (Thursday) 10:00-12:00 LC1.05	Random variable. Cumulative distribution function, distribution function of random variable. Discrete probability distributions: binomial and Poisson-distribution.	dr. Fazekas Zsolt/Bilakovics Noémi
6	20 of March (Thursday) 10:00-12:00 LC1.05	Continuous probability distribution. Normal distribution. Standard normal distribution. Sampling.	dr. Fazekas Zsolt/Bilakovics Noémi
7	25 of March (Tuesday) 12:00-14:00 TBuilding SR#3.	Hypothesis testing. Null hypothesis. Statistical significance. One- and two tailed tests. The z-test. One sample t-test.	dr. Fazekas Zsolt/Bilakovics Noémi
8	1 of Apr (Tuesday) 12:00-14:00 TBuilding SR#3.	Paired t-test. F-test. Unpaired t-test.	dr. Fazekas Zsolt/Bilakovics Noémi
9	8 of Apr (Tuesday) 12:00-14:00 TBuilding SR#3.	Screening tests. Epidemiologic investigations: odds ratio and relative risk. The Kaplan-Meier curve.	dr. Fazekas Zsolt/Bilakovics Noémi
10	15 of Apr (Tuesday) 12:00-14:00 TBuilding SR#3.	Consultation.	dr. Fazekas Zsolt/Bilakovics Noémi
12		Biostatistics final test ,	