

## **History of Pharmaceutics and Propedeutics lecture topics 2020/2021. I. semester**

### **1<sup>st</sup> week (10. Sept.)**

Introduction. The place of the subject in the curriculum. The multidisciplinary nature of pharmacy.

### **2<sup>nd</sup> week (17. Sept.)**

The role and importance of history of science in understanding the notion and development of science. The structure of scientific revolutions. Distinction between science and pseudoscience.

### **3<sup>rd</sup> week (24. Sept.)**

The endless evolution of medical science and medical technology: from prehistoric times to present day and beyond I.

### **4<sup>th</sup> week (1. Oct.)**

The endless evolution of medical science and medical technology: from prehistoric times to present day and beyond II.

### **5<sup>th</sup> week (8. Oct.)**

The impact of the development of natural sciences on drug therapy: what has changed over time and what has not.

### **6<sup>th</sup> week (15. Oct.)**

Drugs on the market today: classification based on the origin, pharmaceutical action, way of application, and formulation.

### **7<sup>th</sup> week (22. Oct.)**

Drugs and doses. Introduction to pharmacokinetics.

### **8<sup>th</sup> week (29. Oct.)**

How new medicines are born: evolution of drug discovery, drug discovery today.

### **9<sup>th</sup> week (5. Nov.)**

Introduction to pharmaceutical quality assurance. The impact of technological development on the quality and safety of medicines.

### **10<sup>th</sup> week (12. Nov.)**

Pharmacies in Hungary: premises, personnel, ordering of drug preparations, pharmaceutical literature.

### **11<sup>th</sup> week (19. Nov.)**

Pharmacy practice around the world.

### **12<sup>th</sup> week (26. Nov.)**

Global health issues I.: The role of international organizations of healthcare: historical and current issues, future challenges.

### **13<sup>th</sup> week (3. Dec.)**

Global health issues II.: Prevention of drug abuse. Narcotic controls.

### **14<sup>th</sup> week (10. Dec.)**

The changing role of the pharmacist in healthcare and its effect on pharmaceutical education