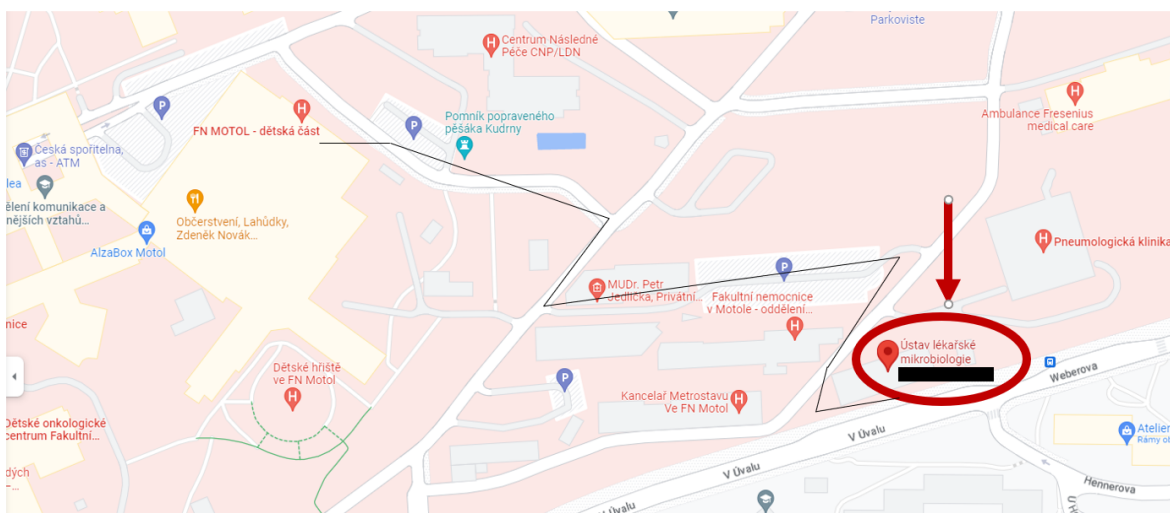


# Mail to students before the start of the summer semester

Dear Colleagues,

On February 20th, the summer semester of the 2nd year starts, including the subject of the subject Microbiology.

You can look forward to encountering the clinical laboratory and discovering the fascinating world of microorganisms that are dangerous for humans but, in some cases, useful (see the list of interesting literature below). During the summer semester, you will be able to do this by attending lectures on Wednesday at 8:00 am in the Small Right Hall and practical exercises at the Department of Medical Microbiology (building 20 of the FNM campus, see map below on Tuesday from 8 am). In most cases, the practical training sessions are related to the lecture of the week, so we advise you to consider your participation in them very carefully, despite the early morning hour - you will need the knowledge gained there for the practical. The syllabus of lectures and practices in the summer semester can be found in the attachment to this email and also in SIS.



**To arrive at the practical training**, wait until you are all present, and 10 minutes earliest before the training starts, ring the "Sekretariát" sign ev. "Praktika" (entrance is from the bottom of the building). Please note that the class is held in an infectious environment.

**Therefore, you will have to keep all your belongings in the lockers** (you will be given a key on entry). Please don't bring anything with you to the practical training (this applies to all books, notebooks, etc.). You can only take notes on paper, which will be provided with folders that can be disinfected on the outside. Similarly for electronic instruments - if you wish to use them, it will be compulsory to always disinfect them before entering and when leaving. Always leave food and drink in the lockers, you will be able to get to them if necessary. Always carry out thorough hand hygiene (soap and alcohol disinfection) when entering and leaving the practice room.

**In order to receive credit**, you will need to attend the training (two absences are allowed apart from two required topics\* - see below) and score 12/20 on two credit tests during the semester (written in weeks 6 and 13 at the beginning of the lecture, see the summer semester syllabus). In the event that these conditions are not met, your case will be reviewed individually by Dr. Hurych or doc. Melter. You can find the course materials on Moodle in thematic blocks corresponding to the topics of the lectures and practical exercises (link [here](#)).

\* **Required topics** - practical training "Microscopy in Bacteriology" and "Cultivation of bacteria and procedures leading to the identification of bacteria". These exercises cannot be substituted by self-study (see Dean's Provision No. 4/2022) and absence must be made up with examination by the teacher of the practical training (Dr. Hurych or doc. Melter). Credit cannot be awarded for failure to make up absences from these training.

You will take the exam in the winter semester of the next academic year. It will consist of a practical part (1 question) and a theoretical part (2 questions). The practical exam in the winter semester will test your ability to: 1) correctly indicate the sampling of valid material in a given clinical situation, 2) propose a specific test for the demonstration of infectious agents from a given material, 3) be able to describe at least a basic description of microscopic or culture findings (real or virtual), and 4) know the principles and use of basic microbiological diagnostic methods. The theoretical exam will then test your knowledge of general, special and clinical microbiology and, of course, antimicrobials. The exam questions will be slightly modified from the current version, and you will know the final version before the start of the winter semester of your 3rd year.

We look forward to seeing you and our journey together through the world of dangerous microbes!

On behalf of the teaching staff of the Department of Medical Microbiology,

MUDr. Jakub Hurych  
Deputy Head for Teaching

## RECOMMENDED POPULAR MICROBIOLOGICAL BOOKS AND MOVIES

### BOOKS

- Disease The Story of Disease and Mankind's Continuing Struggle Against It, Mary Dobson, UK, **2007**, ISBN 978-807391-292-5
- Loius Pasteur, P. Debré, **2005**, Publisher: Nakladatelství: Johns Hopkins University Press (English)
- Robert Koch – Louis Pasteur, Duell zweier Giganten, A. Perrot, **2005** (German)
- The Antibiotic paradox, Stuart B. Levy, **2002**, USA ISBN: 0-7382-0440-4
- Parasite Rex, Carl Zimmer, **2001**, ISBN 978-0743200110
- Virus X - understanding the real threat of the new pandemic plagues, F. Ryan, **1998**, ISBN 0006384552, 9780006384557
- Toxin, R. Cook, **1998**, ISBN 0-425-16661-9

- The Coming Plague: Newly Emerging Diseases in a World Out of Balance, Laurie Garrett, **1994**, ISBN-13: 978-0140250916, ISBN-10: 0140250913
- Microbe Hunters, Paul de Kruif, **1926**
- Men against death, Paul de Kruif, **1932**
- La vie de Sir Alexander Fleming, André Maurois, **1959** (French)
- Arrowsmith, S. Lewis, **1925**
- I contain multitudes, Ed Young, **2016**
- Missing microbes, Martin Blaser, **2014**

#### FILMY/MOVIES

- Petrolejové lampy (syfilis), Jaroslav Havlíček, 2008, EAN: 9788020015952 (+ kniha)
- Louis Pasteur, TV film 1977 (orig. The Story of Louis Pasteur)
- Louis Pasteur, portrait d'un visionnaire,
- Robert Koch, bojovník se smrtí, E. Jannings, 1939 (orig. Robert Koch, der Bekämpfer des Todes)
- Philadelphia (HIV/AIDS), Nyswaner/Demme, 1993,
- Arrowsmith, S. Lewis/Z. Zelenka, **1997**
- Pozor, vizita (břišní tyfus), A. Branald, Kachyňa, 1982
- Už zase skáču přes kaluže (poliomyelitis), Marshall, Kachyňa, 1970
- Smrtící epidemie/ The Outbreak, 1995
- Přísahám a slibuji, TV seriál 1990