

Student group (Last and first names): _____

QUESTIONNAIRE ROUND 4 (GRUPPE B)

COURSEDAY 1

Q1: Why is it so important in Microbiology to work with pure cultures?

Q2: How do you explain the differences in sizes and transparency of the obtained plaques caused by the isolated bacteriophages in the *E. coli* lawn?

COURSEDAY 2

Q3: What is the basis of the differentiation of bacteria by Gram stain and by growth on MacConkey agar?

Q4: Which of the three tested antibiotics cannot be used for the treatment of bacterial infections in humans and why?

COURSE DAY 3

Q5: How would you determine the correlation between the optical density (OD) and the actual cell density (cell numbers per volume) of a culture?

Q6: Why is the spore production of fungi regulated by gravity and light?

FEEDBACK

What did you like and what did you not like about the Microbiology block of the practical course?