

Action Plan

Based on the OMHV Data for the 1st Semester of the 2024/2025 Academic Year

Organizational Unit: **Department of Genetics, Cell- and Immunobiology**

Faculty: Faculty of Medicine (EM)

Course: Cell Science AOKGEN666_1A

General Feedback:

We thank the students for their feedback and appreciate the efforts of the OMHV organizers. We will thoroughly examine the student responses to identify which aspects contributed to the lower scores.

Cell Science (lecture)

General student feedback	Proposed actions
<p>Although we received lower scores than the faculty average for all course-related questions, only two questions showed a statistically significant difference, with an average deviation greater than 0.2 points.</p> <p><i>(K01: To what extent did the Institute's teaching activities arouse your interest in the subject? K05: Overall, how would you rate the teaching of the subject?)</i></p>	<p>We will draw the teachers' attention to the undervalued question. This will help them understand how they can improve their teaching methods. For example, refining the structure of lectures and practical sessions to make them more engaging; incorporating short interactive elements; highlighting key messages or using more concise and visually supportive slides.</p>

Individual student opinions	Proposed actions
<p>According to the students' feedback, the weekly quizzes after the lectures were helpful in the sense that they get to test their knowledge</p>	<p>We are pleased to hear that the continuous tests were found useful. Our aim was to support deeper understanding and continuous development through these assessments. We will maintain this practice while considering your suggestions for further improvement.</p>
<p>There were a few comments that the weekly lecture tests should be available for a longer period of time, allow for multiple attempts, and provide feedback on which questions were answered incorrectly along with the correct answers.</p>	<p>The LevelUp questions were introduced to motivate students to engage with cell science on a weekly basis and to practice for midterm tests. The original idea was that students would collect experience points and compete with each other to achieve the highest score. For this reason, LevelUp was set up to allow only a single attempt. Unfortunately, the questions were either fixed or could only be randomized to a limited extent in the LevelUp tests. Due to these constraints, we did not allow multiple attempts or provide the correct answers.</p> <p>We appreciate your suggestions for improvement, and based on your feedback, we will revise the LevelUp rules for the next academic year.</p>

	We will explore the possibility of setting up a practice test where the questions are randomly selected. In this way, it will be really useful for students to take the practice tests several times and review the correct answers.
One of the comments from students was that it was difficult to get in touch with the institute.	We sincerely apologize for the delays in responses. We are working on improving our communication.
There were also some comments regarding the Cell Science practical sessions, specifically related to interactivity.	We will address these in more detail in the section related to the practical sessions.

Cell Science practical sessions

General student feedback	Proposed actions
For most of the questions related to the practical sessions, we received a significantly lower score compared to the faculty average, but in each case, the difference was less than 0.2 points.	Our aim is to make the Cell Science practical sessions as practical and interactive as possible. We constantly strive to ensure that students actively participate in the practical sessions. It is important to us that the activities carried out during the sessions are closely linked to the theoretical training. In the future, we will place even greater emphasis on the alignment of theoretical and practical material. Below we respond to specific comments and suggestions from students.

Individual student opinions	Proposed actions
<p><i>"more interactive learning"</i></p> <p><i>"I enjoy the subject and believe that there is room to make it a lot more interactive and engaging"</i></p>	<p>It is important to our Department that practical sessions effectively support learning, so we aim to include even more interactive elements in the future.</p> <p>At the request of our Department, the Centre for Educational Development, Methodology and Organization organized a workshop for our colleagues in January 2025. The training focused on interactivity, available online platforms to enhance it, and pedagogical methods to keep students' attention. We are committed to integrating the knowledge gained from this workshop into the practical cell biology sessions. (We have already implemented these methods in our second semester Genetics and Genomics and Immunology practical sessions) to make our sessions more interactive and engaging.</p> <p>To make the practical sessions more hands-on, semithin section staining was introduced for the first time in the first semester of the 2024/2025 academic year. We are working on the development and implementation of other similar practical activities.</p>

<p><i>"The work with the microscope provided a deep understanding of complex cellular processes, making theoretical concepts much easier to understand."</i></p>	<p>It's great to hear that the students found microscopy useful and interesting. We would like to make the practical sessions as interactive as possible and aim to provide more opportunities for microscopy. At the same time, we also ensure that the necessary theoretical background adequately supports the practical work.</p>
<p>In a few comments, students raised concerns about the quality, follow-up and comprehensibility of the practical presentation.</p>	<p>The practical ppts are centrally prepared handouts designed to ensure a coherent curriculum. We aim to avoid overcrowding the slides with text, and put the additional explanations in the notes section (PowerPoint Notes View). We continuously work on improving the slides by highlighting the most important points, creating a more structured outline for better logical flow, and adding a summary at the end of the presentation to emphasize the key terms required for the midterms and exam.</p>
<p>Overall, we received positive feedback and praise for the instructors.</p>	<p>We thank students for their positive feedback, and we will continue to make every effort to hold sessions that support learning and are of interest to the students. If any negative feedback or criticism has been expressed regarding a specific instructor, we aim to assist in improving their work: for example, a weekly educational newsletter highlighting important points; attending classes of experienced instructors; consultations with lead instructors; sharing experiences on our "best teaching practices," and organizing additional training sessions.</p>

The action plan was prepared by Dr Eszter Lajkó