

## Course analysis (course evaluation)

<b>Course code</b> 4TX030	<b>Course title</b> Application of Methods in Tox Research	<b>Credits</b> 16
<b>Semester</b> (VT/HT-year) VT-2025		

<b>Course leader/examiner</b> Kristian Dreij	<b>Other teacher(s) responsible for major part(s) (if applicable)</b> Hanna Karlsson, Felipe de Oliveira Galvão
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<b>Number of registered students (at 3-week check)</b> 30	<b>Number of students that passed at end of course (after regular session)</b> 30	<b>Response rate in KI survey (%)</b> 60
<b>Other methods for influence by students</b> (besides KI survey) Course council		
<b>How and when is feedback of KI survey results given to students?</b> Course web		

### 1. Description of any changes made since last course event (based on for example feedback from previous students)

Based on feedback from students, the lab parts of the course started with the Omics week which allowed for more time for the students to analyze their results and to choose what methods to perform during the practical labs to confirm them. We also introduced virtual labs using Labster to complement or extend the practical lab work. No other major changes were done.

### 2. Brief summary of the KI survey

*(Based on students' quantitative answers and major feedback from free-text answers)*

The course was in general well appreciated as seen below, also including the separate labs and activities. The practical labs (average 4.5), journal clubs (4.3) and zebrafish workshop (4.6) were highly appreciated also this year. In general, students asked for more time for biostatistics, Omics and practical labs and asked specifically for the opportunity to also train tissue culturing and cell seeding. Most students appreciated the training in writing a report based on their own data but asked for better designed workshops to support their writing.

<b>KI or programme-specific question</b>	<b>Average result -(1-worst, 5-best)</b>
In my view, I have developed valuable expertise/skills during the course.	3.8
In my view, I have achieved all the intended learning outcomes of the course.	4.1
In my view, there was a common theme running throughout the course – from learning outcomes to examinations.	4.3
In my view, the course has promoted a scientific way of thinking and reasoning (e.g. analytical and critical thinking, independent search for and evaluation of information).	4.2
In my view, during the course, the teachers have been open to ideas and opinions about the course's structure and content.	4.1
The course structure and methods used (e.g. lectures, exercises, seminars, assignments etc.) were relevant in relation to the learning outcomes.	4.1
The examination was relevant in relation to the learning outcomes.	4.3
I was actively participating in learning activities.	4.6
When/if I had questions or problems with the course content, I felt that I could turn to my teacher/supervisor for guidance.	4.6

What is your overall experience of the course?	<b>3.9</b>
To what extent do you feel that the workload during the course was reasonable in relation to the extent of the course/number of credits awarded? (1= far too little, 2= to little, 3= appropriate, 4= too much, 5= far too much)	<b>3</b>

**3. Course coordinator's reflections on the course and the results:**

*(to be published on the course web)*

A well appreciated course that we will continue to improve based on student feedback.

**4. Other comments:****5. Course coordinator's conclusions and suggestions for changes:**

We will try to implement training in basic tissue culturing and cell seeding and see how we can improve the design of the writing workshops.

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