Course analysis (course evaluation)

Course code **4NT022**	Course title **Molecular and genetic mechanisms in nutrition science**	Credits 10
Semester Autumn -24	**Period** First period (16 Oct-29 Nov)	

Course coordinator Paul Petrus och Per Antonson	**Examiner** Magdalena Rosell
Teacher in charge of component Paul Petrus	**Other participating teachers** Fredrik Fagerström-Billai, Bernhard Schmierer, Antonio Checa, Rongrong Fan, Sidinh Luc, Ivan Nalvarte, Alastair Kerr, Scott Frendo-Cumbo, Alessandro Furlan, Leonidas Lundell, Christina Savva, and others.

Number of registered students during the three week check 29	**Number approved on the last course date** **28**	**Response frequency course valuation survey** 69 %
Other methods for student influence (in addition to concluding course valuation) Discussions during the course as well as an oral course evaluation at the end of the course. A course council with three student representatives after the course (7/11).		
Feedback reporting of the course valuation results to the students The students were informed via an announcement at Canvas 19/12.		

1. Description of any conducted changes since the previous course occasion based on the views of former students

The course was restructured and this year and was divided into two parts: one part on method and one part focusing on recent advances in research focusing on topics related to molecular nutrition. Most speakers were new to the course. A practical lab was also introduced. The way students could choose their topics for the main report and instruction for the examination were new, but the format remined mainly the same as the previous year.

2. Brief summary of the students' valuations of the course

Overall, students were satisfied with the course. In the course evaluation, the overall opinion of the course was rated 3.6 (scale 1-5), so there was a variation. The main criticism was that the students expected the course to be more strongly related to nutrition. The students would also like to have more introductory lectures in the beginning.

3. The course coordinator's reflections on the implementation and results of the course

Strengths of the course: Based on the reflections it seemed like the workshops and the examination (the individual report for which the students could choose their own topic) were appreciated the most.

Weaknesses of the course: It was overwhelming for some students and lacked nutritional focus. Some workshops could be more interactive. The connection between the individual

report and other parts of the course could be strengthened. The type of supervision of the individual reports varied between the mentors.

4. Course coordinator's conclusions and any suggestions for changes

We will start with introductory lectures to set a strong foundation of base line knowledge for all students. The part about methods and techniques used in molecular nutrition research will be examined with a written exam (Pass/Fail) on a basic level, to ensure that the students are following and to give them direction on what to focus on. The teaching of the first part of the course will also be restructured to support and prepare the students for the exam. We will include more journal clubs focusing on papers about nutrition. The supervision of the individual reports will be more standardised.