

PUBLIC LECTURE EVALUATION

Masaryk University

Faculty	Faculty of Science
Procedure field	Environmental Health Sciences
Applicant	Assoc. Prof. Klára Hilscherová, PhD
Lecture date	15.4.2025
Lecture topic	Endocrine-disrupting potential of environmental exposure mixtures
Persons present (number)	88 (47 on site, 41 online)
Designated evaluators (board members)	Prof. Henner Hollert, PhD (online) Prof. Pim Leonards, PhD (online) Prof. Werner Brack, PhD (online)

Klara Hilscherova provided a very impressive and enthusiastic lecture on endocrine disruption in the environment and in humans focusing on the molecular effects of pollutants. In her lecture, she combined basic knowledge with cutting-edge research. She explained very well the basic concepts and terms, e.g., BEQs and the search for the drivers of toxicity. She also explained current developments and research findings using research-oriented approaches. Besides in vitro work she included chemical analysis to explain in vitro results, which shows her wide interest and knowledge. She also presented her own research including many original and unique approaches such as the pull-down assay.

Her lecture was packed with interesting and highly relevant scientific information but also well-structured and perfectly presented with the help of well-designed and very supportive slides and with a lot of involvement. It met the expectations regarding a professorial lecture in terms of content, expertise, and presentation. Klara's answers to the follow-up questions from the reviewers and the general audience in the scientific discussion were all perfect. She showed that she is burning for both environmental and toxicological research and teaching and educating the next generation of scientists.

Klara Hilscherova has an excellent gift for explaining both fundamental and research-oriented aspects in a way that is easy to understand, thus giving students exceptional access to comprehensive knowledge. She is the type of professor we really need and a great role model for young scientists. Therefore, the reviewers fully support her application for full professorship.

Conclusion

The lecture delivered by Klára Hilscherová, entitled “Endocrine-disrupting potential of environmental exposure mixtures” and delivered as part of the professor appointment procedure, **demonstrated** sufficient scholarly qualifications and pedagogical capabilities expected of applicants participating in a professor appointment procedure in the field of Environmental Health Sciences.

The lecture took place in a hybrid form on April 15th at 9 a.m. The above-mentioned members of the board attended the lecture and provided its evaluation. All designated evaluators are familiar with the text of the evaluation and agree with it.

Date: 16.4.2025

Henner Hollert
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Pim Leonards
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Werner Brack
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