

## PUBLIC LECTURE EVALUATION

### Masaryk University

<b>Faculty</b>	Faculty of Science
<b>Procedure field</b>	Analytical Chemistry
<b>Applicant</b>	doc. RNDr. Jiří Urban, Ph.D.
<b>Lecture date</b>	March 6, 2025
<b>Lecture topic</b>	Development of novel separation media and instrumental setups in analytical chemistry
<b>Persons present (number)</b>	106 on-site, 7 online
<b>Designated evaluators (board members)</b>	Prof. Dr. Deirdre Cabooter (online) Ing. František Foret, DSc. (on-site) doc. Mgr. Jan Havliš, Dr. (on-site) prof. Ing. Michal Holčapek, Ph.D. (on-site) prof. Mgr. Jan Preisler, Ph.D. (on-site)

Jiří Urban gave his public professorship lecture in English as a part of a joint seminar of the Czech Chemical Society and the Department of Chemistry. The lecture took place in hybrid form on Masaryk University Campus at 2 pm March 6, 2025. Scientists from other departments of the Faculty of Science, CEITEC, and the Institute of Analytical Chemistry CAS were also invited.

Prof. Preisler opened the lecture by welcoming the participants and the evaluation committee members. He briefly introduced the candidate and stressed the importance of the candidate's field, separation science, and its respected standing worldwide.

Jiří Urban introduced the audience to the history of chromatography and highlighted the most important achievements of his career. The key topic was the development of polymer-based monolithic stationary phases, and the candidate focused on fundamental studies of monolith stationary phases as well as their applications in metabolomics and proteomics. The related research included the development of a multifunctional analytical unit comprising an electrochemical detector, enzymatic reactor, and unorthodox combinations of separation mechanisms in two-dimensional liquid chromatography. All presented results were supported by numerous references to relevant sources, especially his work performed at Masaryk University as well as at several institutions abroad.

The lecture was well-organized, easily understandable, and interesting for the audience. During the subsequent discussion, Jiří Urban answered seven questions from the people present online or in the auditorium. It can be stated that the applicant demonstrated an excellent orientation within his research field.

### Conclusion

The lecture demonstrated sufficient scholarly qualifications and pedagogical capabilities expected of applicants participating in a professor appointment procedure in the field of Analytical Chemistry.

All members of the evaluation board attended the lecture and provided its evaluation. All designated evaluators are familiar with the evaluation text and agree with it.

Date: 20.3.2025

Jan Preisler



signature